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BAY AREA STUDY OF AVIATION REQUIREMENTS

Association of Bay Area Governments

AIRPORT INVENTORY

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JULY 1970

THIS REPORT WAS PREPARED FOR THE BAY AREA STUDY OF AVIATION REQUIREMENTS AND THE ASSOCIATION OF BAY AREA GOVERNMENTS; THE PREPARATION OF THIS REPORT WAS FINANCED IN PART THROUGH AN URBAN PLANNING GRANT FROM THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, UNDER THE PROVISIONS OF SECTION 701 OF THE HOUSING ACT OF 1954 AS AMENDED.

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TABLE OF CONTENTS

		Page
I.	INTRODUCTION	
	Composition	3
	Format	5
	Data Sources	5
II.	INVENTORY	
	Ownership	8
	Relationship to Community	9
	Activity Levels	10
	Runway Length and Runway Strength	12
	Navigational Features	14
	General Aviation Activity	14
III.	SUMMARY	20
IV.	APPENDICES	
	A. Aviation Facility Study List	
	B. Airport Inventory	
	C. Aircraft, Airports, and Population by Distance from Airport	
	D. Summary of General Aviation VFR Flight Training Areas	
	E. Survey of General Aviation Traffic at Selected Airports	

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LIST OF TABLES AND FIGURES

		Page
TABLES		
1	Airports and Surrounding Residential Use	10
2	Airport Activity Levels - Based Aircraft	11
3	Airport Activity Levels - Annual Aircraft Operations	11
4	Runway Length	12
5	Runway Strength	13
6	Approach Procedures and Lighting	14
7	Use of Bay Area Airports by General Aviation	17
FIGURES		
1	Bay Area Civil and Military Airports	4
2	Selected BASAR Airports	6
3	VFR Flight Training Areas	16

INTRODUCTION

This inventory is one of the five reports prepared in Part I of the Bay Area aviation study and provides some of the information used in the preparation of the Aviation Forecast*, Airport and Airspace Capacity Analysis**, and the Ground Access*** reports, as well as the Summary Report.

The inventory provides selected information about airports in the nine-county planning area. It includes data about ownership, relationship to land use, activity levels, and physical features of the civil and military airports located in the Bay Area.

Composition

In selecting the airports to be included in this inventory, the following general guidelines were used:

1. A listing of all known civil and military airports and civil heliports was made and their existence and active use was then confirmed. This total list appears in Appendix A and is illustrated in Figure 1.

2. Those civil airports regularly open for public use were selected as being significant to aviation in the area and therefore warranted the collection of detailed information. These 35 airports are

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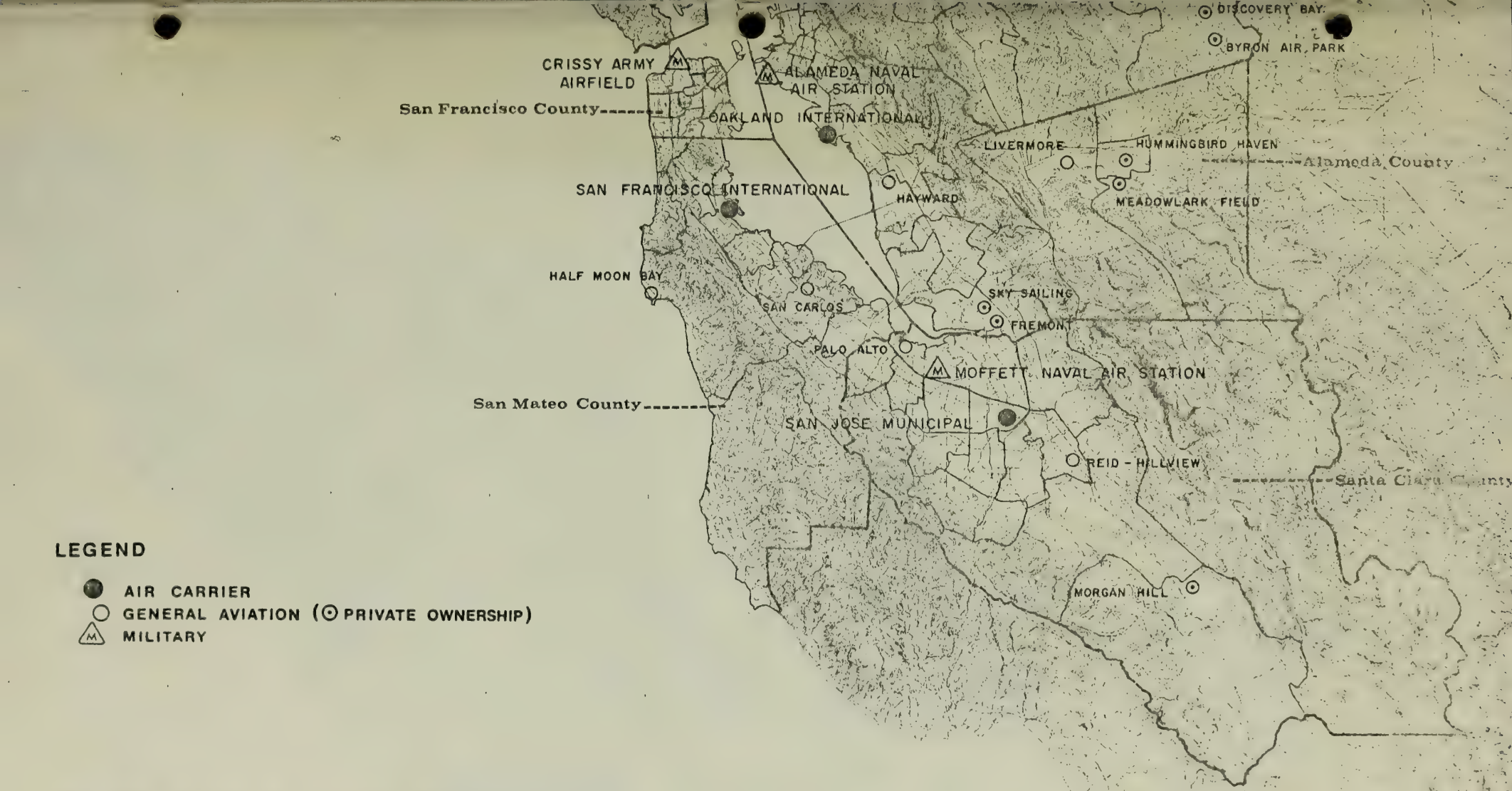
* Aviation Forecast, SARC, Inc. May 1970

** Airport and Airspace Capacity Analysis, R. Dixon Speas & Associates May 1970

*** Ground Access, Wilbur Smith & Associates June 1970



BAY AREA STUDY OF AVIATION REQUIREMENTS

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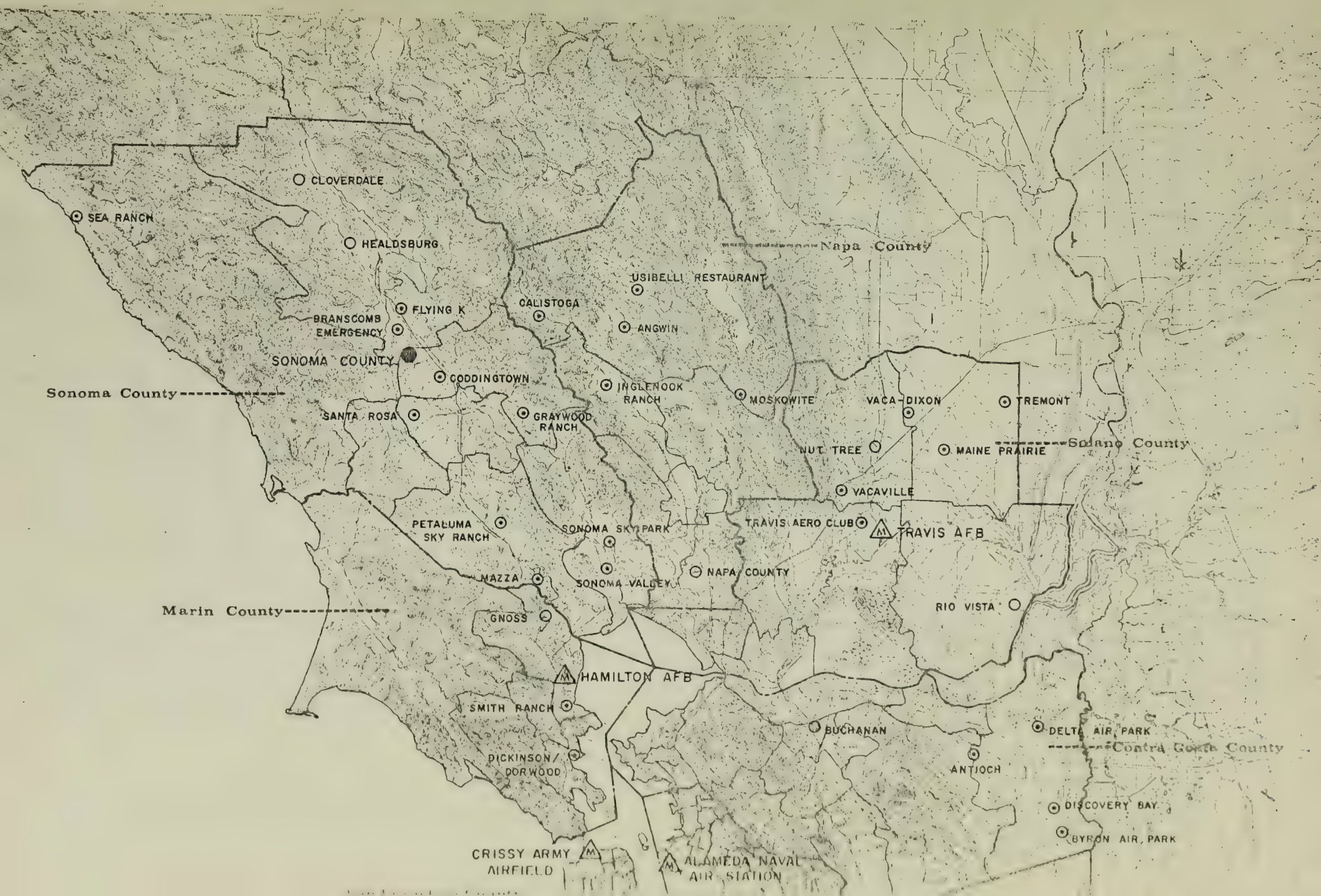
BAY AREA CIVIL AND MILITARY AIRPORTS

FIGURE 1


CLOVERDALE
SEA RANCH
HEALDSBURG
Napa County
USIBELLI RESTAURANT
FLYING K
CALISTOGA
BRANSCOMB EMERGENCY
ANGWIN
SONOMA COUNTY
CODDINGTOWN
INGLENOOK RANCH
Sonoma County
MOSKOWITE
VACA-DIXON
TREMONT
SANTA ROSA
GRAYWOOD RANCH
NUT TREE
MAINE PRAIRIE
Solano County
VACAVILLE
PETALUMA SKY RANCH
SONOMA SKY PARK
TRAVIS AERO CLUB
TRAVIS AFB
NAPA COUNTY
MAZZA
SONOMA VALLEY
Marin County
RIO VISTA
GNOSS
HAMILTON AFB
SMITH RANCH
BUCHANAN
DELTA AIR PARK
Contra Costa County
DICKINSON/ DORWOOD
ANTIOCH
DISCOVERY BAY
BYRON AIR PARK
CRISSY ARMY AIRFIELD
ALAMEDA NAVAL AIR STATION

noted in Appendix A and shown in Figure 2.

3. Only information pertaining to the operating areas and activity levels were collected for the military airports. The data for these five airports are also included in Appendix B.

Format

A data format was selected that could be updated easily and which could be analyzed quickly by a simple sorting process. Eight separate decks of punch cards were coded. As part of a cooperative effort with the California Department of Aeronautics, the first three card decks are, in most respects, identical to the State-Wide Aviation Master Plan Inventory. A complete description of the format and coding has been furnished to the Association of Bay Area Governments.

Data Sources

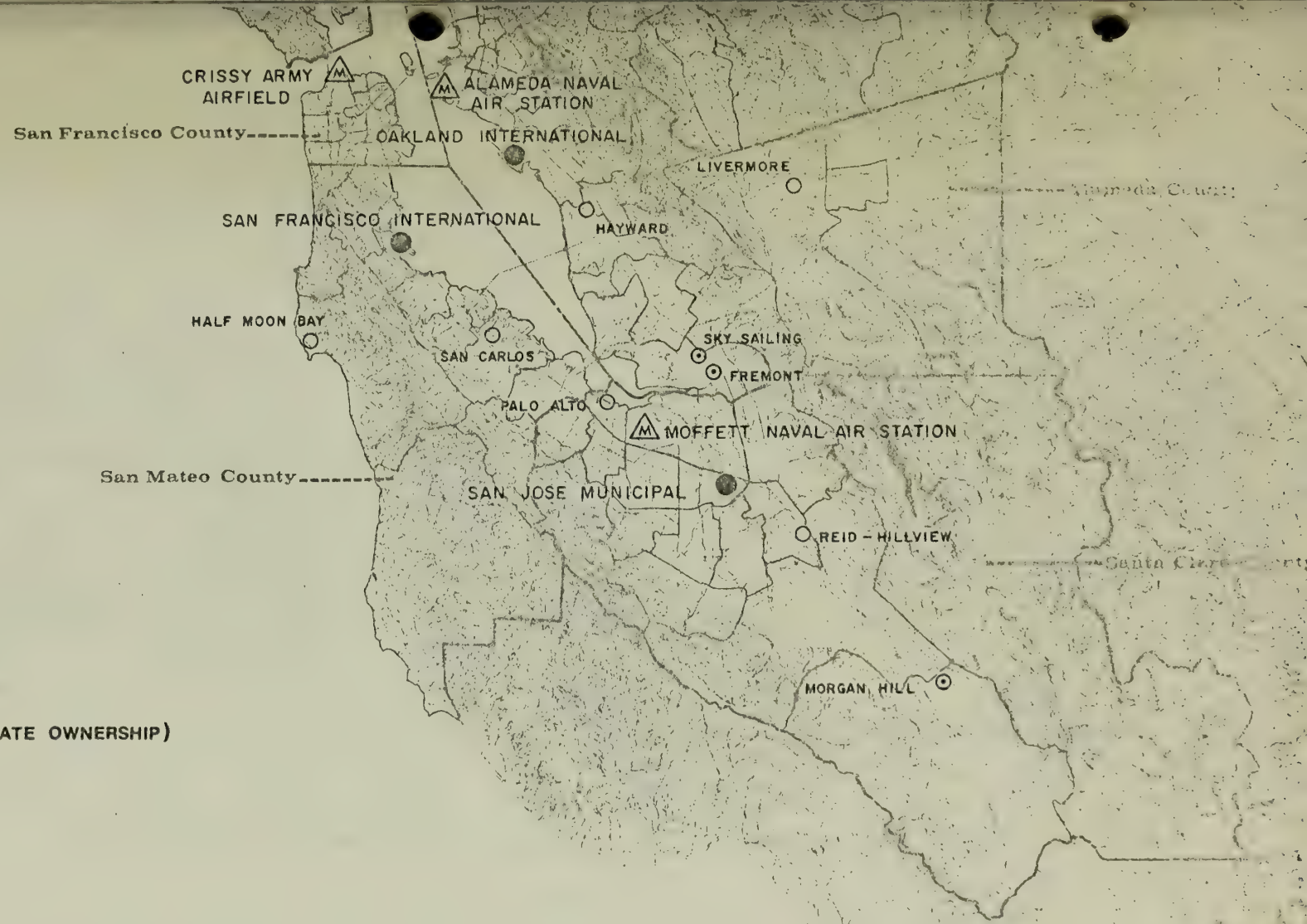
The following is a listing of the sources of information used in assembling the inventory data:

Federal Aviation Administration -

- FAA Airport Master Record, FAA Form 5010-1
- Instrument Approach Plates
- San Francisco Sectional Chart
- FAA Air Traffic Activity, F.Y. 1969
- Peak Day/Busy Hour Airport Activity, F.Y. 1969

California Department of Aeronautics -

- List of Airport Permits Issued



LEGEND

- AIR CARRIER
- GENERAL AVIATION (⊙ PRIVATE OWNERSHIP)
- MILITARY

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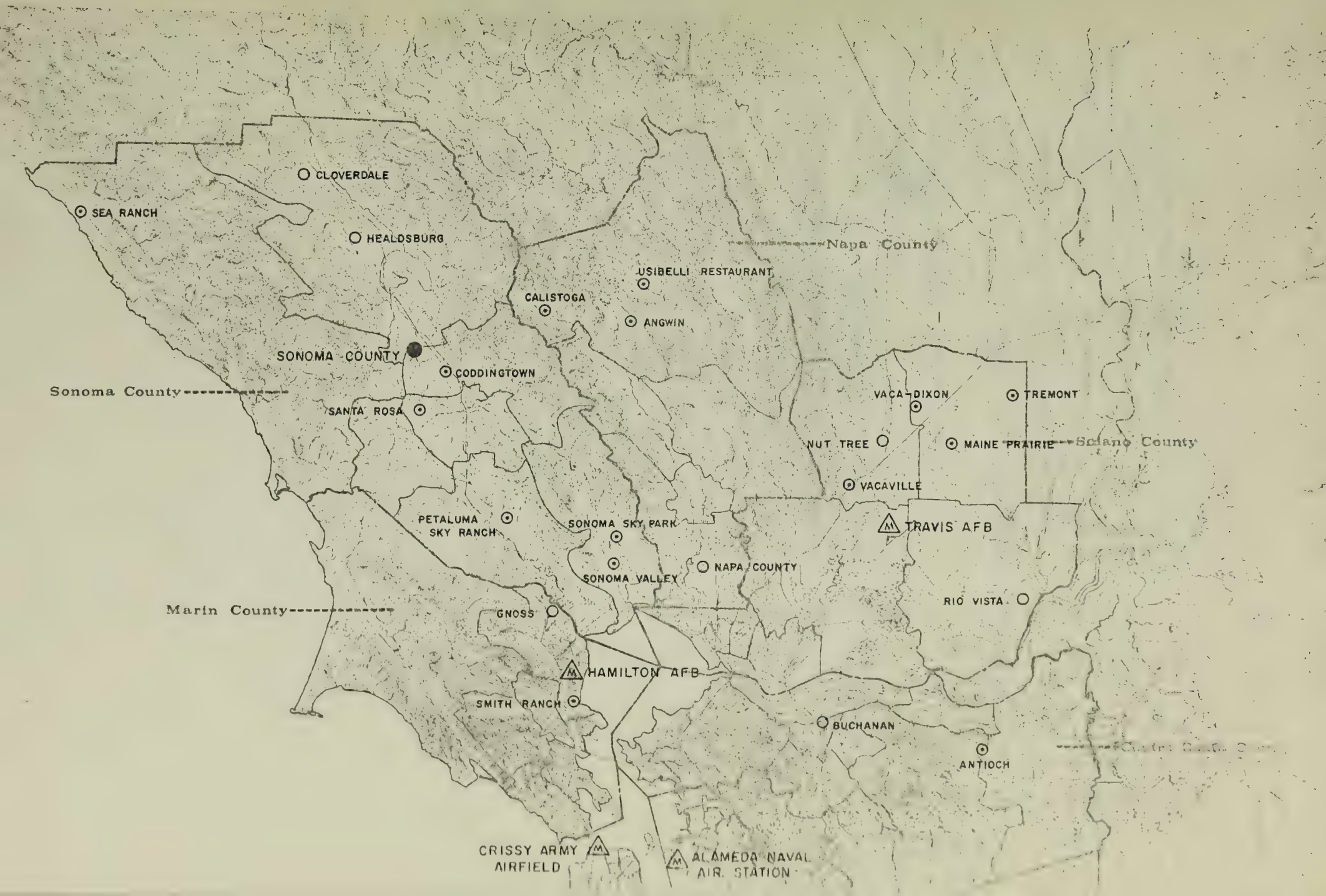
SELECTED BASAR AIRPORTS

FIGURE 2


CLOVERDALE
SEA RANCH
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Napa County
USIBELLI RESTAURANT
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ANGWIN
SONOMA COUNTY
CODDINGTOWN
Sonoma County
SANTA ROSA
VACA-DIXON
TREMONT
NUT TREE
MAINE PRAIRIE
Solano County
VACAVILLE
PETALUMA
SKY RANCH
SONOMA SKY PARK
TRAVIS AFB
NAPA COUNTY
SONOMA VALLEY
RIO VISTA
Marin County
GNOSS
HAMILTON AFB
SMITH RANCH
BUCHANAN
ANTIOCH
CRISSY ARMY
AIRFIELD
ALAMEDA NAVAL
AIR. STATION

California Aeronautical Chart

Preliminary State-Wide Inventory

California Department of Finance -

California Population 1969, December 1969

Institute of Transportation and Traffic Engineering, University of California -

California Airports, February 1965

BASAR Data Collection -

Survey of use of airspace for general aviation flight training.

Survey of use of Bay Area airports by general aviation.

INVENTORY

The inventory data for the individual airports are reproduced in Appendix B. To provide a framework for comparison and an insight into the significance of this information, the principal airport features are discussed in this section in the following groupings:

I. Ownership
II. Relationship to Community
III. Activity Levels
IV. Runway Length and Runway Strength
V. Navigational Features

In addition, item VI further describes general aviation activity.

I - Ownership

The special significance of this ownership information is the bearing upon the permanency in California of privately-owned airports when urbanization causes the taxes on the airport operating areas to rise. A high incidence of privately-owned airports immediately adjacent to urbanizing areas, therefore, gives rise to questions of permanency.

Of the 35 airports open for public use in the region, 18 are privately owned and 17 are publicly owned. With the exception of the Coddingtown Airport in Sonoma County, all airports served by scheduled airlines are publicly owned.*

Figure 2 shows the location, ownership, and principal activity of each of the

---

* Golden West Airlines, a third-level carrier, serves the City of Santa Rosa through the Coddingtown Airport.

35 civil and 5 military airports in the region.

II - Relationship to Community

Two sources of information have been chosen to generally describe the relationship of the existing airports to the surrounding communities. The first of these is taken from a 1965 study of California airports*, and the portion of that report dealing with the Bay Area counties is Appendix C. This table relates the cities or places with a population of 1,000 (1960 census) or greater to the availability of airports, as well as accumulative population and general aviation aircraft owners. The data presented further supports the findings of the BASAR Forecast Report with respect to the paucity of airports immediate to certain cities (re: Richmond and San Francisco) and the abundance of airports available to others (the City of Santa Rosa, for example).

The second source of information about airport/community relationships was developed as a first step towards a much more detailed effort to be undertaken in Part II of this aviation study -- the description of critical land uses surrounding the airports. The preliminary work that was done is shown in Appendix B by describing for each airport:

> ... the distance that the airport owner controls the land use beyond the ends of his runways,

---

* Gillfillan, Walter E., California Airports Special Report. Institute of Transportation and Traffic Engineering, University of California, February 1965.

Table 2

AIRPORT ACTIVITY LEVELS - BASED AIRCRAFT
Number of Airports

Type Airport	Based Aircraft Population 50	50-100	101-200	201-300	300	Actual Total
Airline	0	1	1	0	2	1252
General Aviation	19	5	2	1	4	2991
Total						4243

Table 3

AIRPORT ACTIVITY LEVELS - ANNUAL AIRCRAFT OPERATIONS

Operations	Designated Airport Category: Airline	General Aviation	Military	Total Airports
Military	4	2	5	11
Air Carrier				
<50,000	1	0	0	1
50,000-150,000	2	0	0	2
>150,000	1	0	0	1
General Aviation				
Local (000)				
< 50	2	23	0	25
50-150	1	4	0	5
> 150	1	4	0	5
Itinerant (000)				
< 50	0	24	0	24
50-150	3	5	0	8
> 150	1	2	0	3
Actual Total Operations* (000)	1,229	2,506	435	4,170

*Actual total operations by airport category type, i.e., the five military airports have 435,000 total annual aircraft operations.

IV - Runway Length and Runway Strength

Table 4 summarizes runway length, which is chosen as an indicator of the existing airport capability. Table 5 shows the primary runway strengths existing at the BASAR airports. Due to different aircraft wheel configurations, the military airfields have different load numbers and cannot be directly equated.

Table 4

RUNWAY LENGTH*
Airports Having Indicated Runway Length
(in feet)

Airport Type	<2,000	2,001-3,500	3,501-5,000	5,001-7,500	7,501-10,000	>10,000	Total
Airline	0	0	1	0	2	1	4
General Aviation	2	22	5	2	0	0	31
Military	0	1	0	0	3	1	5
Total	2	23	6	2	5	2	40

* Uncorrected, maximum length available for takeoff.

Table 5

RUNWAY STRENGTH
Airports Having Indicated Runway Strength

Aircraft Landing Gear Type and Load Range	Airline	General Aviation
Single (000#)		
<15	0	24
15-30	0	2
>30	0	0
Dual (000#)		
<50	0	1
>50	0	0
Dual Tandem (000#)		
<100	0	0
101-200	1	2
201-300	0	0
>300	3	2

Military Runway Strength

Military (000#):	Alameda NAS	Travis AFB	Moffett Field	Hamilton AFB	Crissy Field
Single	105	155	79	55	15
Twin	165	260	128	127	-
Twin Tandem	308	470	263	150	-

V - Navigational Features

Approved approach procedures and runway lighting are summarized in Table 6. The first is an indicator of all-weather capability, and the second of 24-hour operations capability.

Table 6

APPROACH PROCEDURES AND LIGHTING*
Airports Having Indicated Procedures and Lighting Facilities

	Airline	General Aviation	Military	Total
Approved Instrument Approach Procedures				
ILS	3	0	3	6
VOR	4	4	4	12
Radar	2	4	4	10
ADF	2	0	0	2
	11	8	11	30
Lighting				
Runway	4	21	5	30
ALS	3	0	4	7
	7	21	9	37

*Note: As an indicator of instrument operation capability and demand, the following airports have SIDs (Standard Instrument Departures) and STARs (Standard Terminal Arrival Routes), respectively: San Francisco (6, 9), Oakland (9, 9), San Jose (2, 6), Buchanan (5, 0), Alameda NAS (2, 0), Travis AFB (6, 0), Moffett NAS (4, 0), Crissy AAF (0, 0), and Hamilton AFB (3, 0).

VI - General Aviation Activity

The results of two surveys conducted during this study are shown in Figure 3 and in Table 7.

Figure 3 illustrates the airspace used by general aviation in the Bay Area for VFR flight training. This was obtained through a survey of

local flight schools and airport managers. While the areas are not precise in boundary nor altitude, they do represent those generally used for this activity. A more detailed description, which includes altitude information, is contained in Appendix D.

Table 7 is a composite showing the use of airports by general aviation aircraft based in the Bay Area. These data were collected on a busy day* at 15 heavily used general aviation airports in the Bay Area. Appendix E contains further detail of this survey in including 30-minute traffic counts by type of operation.

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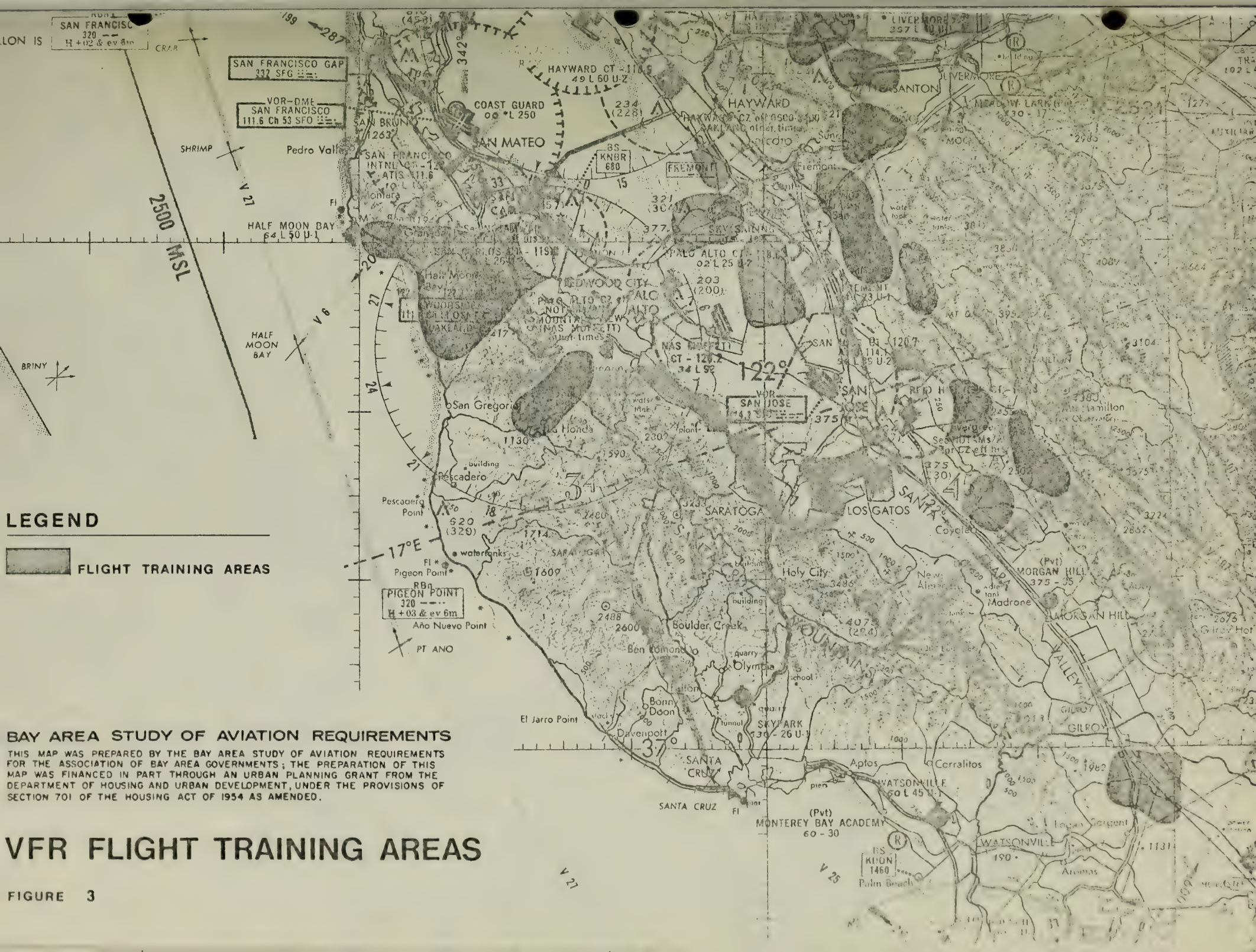
* Saturday, May 24, 1969



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VFR FLIGHT TRAINING AREAS

FIGURE 3

HEALDSBURG
Indian reservation
Geyserville
Pope Valley
Calistoga
Windsor
Trenton
SANTA ROSA
CODDINGTOWN
Rutherford
Oakville
Kenwood
Yountville
Glen Ellen
Cotati
Penngrove
Agua Caliente
Boyes Hot Springs
SONOMA
PETALUMA
OAKLAND
Mt Tamalpais
Hicks Valley
NOVATO
Nicasio
Tocaloma
Marin Woodlace
San Anselmo
SAN RAFAEL
HAMILTON AFB CT - 126.2
SAN PABLO BAY
RICHMOND
SAN PABLO
Orinda
Walnut Creek
Clayton
CONCORD
Nichols
Ambrose
Bay Point
Pittsburg
Antioch
Oakley
Terminous
Isleton
Walnut Grove
Courtland
Clarksburg
Elmira
Allendale
Winters
Putah
Dixon
Vacaville
Cordelia
Fairfield
Travis AFB
Denverton
Birds Landing
Suisun Bay
Montezuma
Collinsville
Rio Vista
Woodland
Capitol
Plainfield
YOLO CO INTNL DAVIS
UNIVERSITY
VACA DIXON
Tremont
Elmira
Travis AFB
Point Reyes
Bolinas
Sausalito
Oakland
Alameda
Livermore
Dublin
Pleasanton
Sunol
Fremont
Newark
Hayward
San Leandro
Alameda
Oakland
Berkeley
Richmond
Pinole
Martinez
Concord
Walnut Creek
Lafayette
Orinda
Moraga
Danville
San Ramon
Pleasanton
Livermore

Table 7

GENERAL AVIATION USE OF BAY AREA AIRPORTS*

Measurement	Hayward 28L	Hayward 28R	Hayward Total**	Buchanan 19R	Buchanan Total***	Palo Alto	San Jose Municipal 30L	San Jose Municipal 30R	San Jose Municipal Total**	Half Moon Bay
Peak Two-Hour Period (time)	1000-1200	1030-1230	1000-1200	1130-1330		1530-1730	1030-1230	1230-1430	1030-1230	1300-1500
arrivals	18	23	34	53	106	87	31	30	78	40
departures	22	20	47	53	106	54	55	47	108	35
touch and go	132	102	234	124	248	42	40	64	66	136
total operations	172	145	315	230	460	183	126	141	252	211
% touch and go	77	71	74	54	54	23	32	45	26	65
average operations/hour	86	73	158	115	230	92	63	71	126	105
Daily Period (time)	0900-1700			0930-1500		0830-2030	0900-1700			0830-1700
arrivals	63	86	149	129	258	306	130	175	305	97
departures	57	97	154	145	290	294	173	154	327	78
touch and go	408	288	696	272	544	208	98	180	278	396
total operations	528	471	999	546	1092	808	401	509	910	571
average operations/hour	66	59	125	99	198	67	50	63	114	67
Daily Operations by Local Based Aircraft										
arrivals	30	44	74	82	164	121	45	88	133	32
departures	25	51	76	83	166	120	66	84	150	28
touch and go	184	174	358	222	444	62	62	164	226	160
total operations	239	269	608	387	774	303	173	336	509	220
Local Based Aircraft as a Percent of Daily										
arrivals	48	51	50	64	64	40	35	50	44	33
departures	44	53	49	57	57	41	38	55	46	35
touch and go	45	61	52	82	82	30	63	91	81	40
total operations	45	55	61	71	71	38	43	66	56	39

Table 7 - GENERAL AVIATION USE OF BAY AREA AIRPORTS - continued

Measurement	Napa County	Reid Hillview	Gnoss Field	San Carlos	Oakland#	Livermore
Peak Two-Hour Period (time)	1230-1430	1630-1830	1100-1300	1400-1600	1300-1500	1330-1530
arrivals	25	65	25	30	52	39
departures	28	44	26	31	54	38
touch and go	82	42	56	44	60	112
total operations	135	151	107	105	166	189
% touch and go	61	28	52	42	36	64
average operations/hour	68	76	54	53	83	95
Daily Period (time)	0830-1730	0830-2030	0830-1700	0900-1700	0900-1700	0830-1900
arrivals	95	294	79	90	181	139
departures	82	288	81	132	187	123
touch and go	240	196	118	166	152	322
total	417	778	278	388	564	584
average operations/hour	46	65	33	49	71	56
Daily Operations by Local Based Aircraft						
arrivals	23	121	47	66	102	50
departures	30	116	46	113	97	49
touch and go	74	106	88	102	152	54
total	127	343	181	281	351	153
Local Based Aircraft as a Percent of Daily						
arrivals	24	41	60	73	56	36
departures	37	40	57	86	52	40
touch and go	31	54	75	61	78	17
total operations	31	44	65	72	62	26

During the survey, Oakland's runway 27R was closed by construction.

Table 7 - GENERAL AVIATION USE OF BAY AREA AIRPORTS - continued

* These data were collected on Saturday, May 24, 1969, by a survey conducted by W. E. Gillfillan of the Institute of Transportation and Traffic Engineering staff with help from the Airports Branch of FAA, the Civil Air Patrol, the 99ers, several airmen's associations, and Bay Area airport managers.

** The totals are computed for the same two-hour period for both runways.

*** Due to incomplete data, Buchanan Field measurements for Runway 19R have been doubled to estimate the total.

SUMMARY

From the data developed for this inventory, several points can be identified for consideration in Part II of the airport study. In the Summary Report of Part I, several of these will be discussed further and compared with the work completed in the Forecast, Capacity Analysis, and Ground Access portions of the study.

The following is a listing of significant points from the inventory:

... The densely populated areas of the Bay Area are in close proximity to air passenger service at the airline airports in the region.

... The populated areas of San Francisco and western Contra Costa County are the most isolated from general aviation airports.

... Southern Alameda County, and parts of Santa Clara, Sonoma, Napa, Solano, and eastern Contra Costa counties depend upon privately-owned airports to serve general aviation. As urbanization spreads, the permanency of these airports will be questionable.

... Due to urban expansion, each of the three major airports is now in close proximity to the neighboring communities.

... General aviation airports in some cases are surrounded by residential area which prevents economical or compatible airport expansion.

... The airline passenger, cargo, and mail activity is currently concentrated at San Francisco International Airport.

... Several general aviation airports have very high peak day, busy hour, and annual operations.

... Crissy AAF and Hamilton AFB have low operating levels.

... Due to military construction programs of the past, several general aviation airports (former military facilities) in the region are capable of accommodating third-level airline and business jet aircraft.

... San Francisco and Oakland both have sufficient runway length to handle large airline aircraft in long-haul trips. San Jose can accommodate medium-size aircraft in domestic non-stop service.

... Travis AFB has the ability to support long-range, large aircraft operations.

... A wide selection of navigation aids and all-weather procedures are available to airline and military operations at their respective facilities.

... General aviation currently has only seven airports available in the region that have approved instrument approach procedures. Of these, SFO has extensive airline service, and only two of the remainder (SJC and OAK, South Airport) have an ILS.

... Lighted runways are not available in some parts of the region--Solano County and portions of Napa, Sonoma, and Alameda counties.

... Peak periods of activity at general aviation airports have a high proportion of training activity.

... Certain airports in the region are commonly used for general aviation landing and take-off practice by aircraft based elsewhere.

... General aviation makes extensive use of the lower airspace over certain parts of the region for VFR flight training.

ACKNOWLEDGMENTS

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GRAPHICS

The topographic base map used in Figures 1 and 2 was compiled for and provided by the Association of Bay Area Governments.

APPENDIX

Contents:

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[illegible] Population by [illegible] Airport

[illegible]

[illegible] Airport

APPENDIX A

AVIATION FACILITY STUDY LIST

AVIATION FACILITY STUDY LIST

BASAR No.	City	FAA Site No.	Airport	Public Owned	Open to Public	State Permit
1	Angwin	1244.8	*Angwin	N	Y	Y
2	Antioch	1246	*Antioch	N	Y	Y
3	Brentwood	1344.1	Delta Air Park	N	N	N
4	Byron	1356.56	Byron Air Park	N	N	N
5	Byron	1356.5	Discovery Bay (River Lake)	N	N	N
6	Calistoga	1364	*Calistoga Airpark	N	Y	Y
7	Cloverdale	1411.1	*Cloverdale Municipal	Y	Y	Y
8	Concord	1437	*Buchanan Field	Y	Y	Y
9	Davis	1487.2	*Tremont	N	Y	Y
10	Dixon	1510.1	*Maine Praire	N	Y	Y
11	Fairfield	1565.2	Travis AFB Aero Club	Y	N	N
12	Fremont	1588.2	*Sky Sailing	N	Y	Y
13	Fremont	1588.21	*Fremont	N	Y	Y
14	Half Moon Bay	1638	*Half Moon Bay	Y	Y	Y
15	Hayward	1651	*Hayward Air Terminal	Y	Y	Y
16	Healdsburg	1651.7	*Healdsburg Municipal	Y	Y	Y
17	Healdsburg	1651.71	Branscomb Emergency	N	N	N
18	Livermore	1779.1	Hummingbird Haven	N	N	N
19	Livermore	1779.2	*Livermore Municipal	Y	Y	Y
20	Livermore	1780.4	Meadowlark Field	N	N	Y
21	Morgan Hill	1922.1	*Morgan Hill	N	N	N
22	Napa	1932.2	Moskowite	N	N	N

*Airports selected for detailed study.
Y = Yes
N = No
- = Information either unknown, not available, or not applicable.

BASAR No.	City	FAA Site No.	Airport	Public Owned	Open to Public	State Permit
23	Napa	1933	*Napa County	Y	Y	Y
24	Novata	1967	*Gnoss Field	Y	Y	Y
25	Oakland	1971	*Metropolitan Oakland Int'l	Y	Y	Y
26	Palo Alto	2022	*Palo Alto Airport of Santa Clara County	Y	Y	Y
27	Petaluma	None	Flying H	N	N	N
28	Petaluma	2041	Mazza	N	N	N
29	Petaluma	2042	*Petaluma Sky Ranch	N	Y	Y
30	Petaluma	None	Vernon Morelli	N	N	N
31	Pope Valley	2059.8	*Usibelli Restaurant	N	Y	Y
32	Rio Vista	2110.8	*Rio Vista Municipal	Y	Y	Y
33	Rutherford	2120	Inglenook Ranch	N	N	N
34	San Carlos	2160.1	*San Carlos	Y	Y	Y
35	San Francisco	2187	*S. F. International	Y	Y	Y
36	San Jose	2203	*Reid-Hillview	Y	Y	Y
37	San Jose	2204	*San Jose Municipal	Y	Y	Y
38	San Rafael	2222.1	*Smith Ranch	N	Y	N
39	San Rafael	2222.3	Dickinson-Dorward	N	N	N
40	Santa Rosa	2258	*Santa Rosa Air Center	N	Y	Y
41	Santa Rosa	2258.1	Graywood Ranch	N	N	N
42	Santa Rosa	2260	*Sonoma County	Y	Y	Y
43	Santa Rosa	2260.1	*Santa Rosa Coddingtown	N	Y	Y

*Airports selected for detailed study.
Y = Yes
N = No
- = Information either unknown, not available, or not applicable.

BASAR No.	City	FAA Site No.	Airport	Public Owned	Open to Public	State Permit
44	Schellville	2281.6	*Sonoma Valley Airport	N	Y	Y
45	Sea Ranch	2352.1	*Sea Ranch	N	Y	Y
46	Sonoma	2299.8	*Sonoma Skypark	N	Y	Y
47	Vacaville	2389	*Vaca-Dixon	N	Y	Y
48	Vacaville	2389.1	*Nut Tree	Y	Y	Y
49	Vacaville	2389.2	*Vacaville	N	Y	Y
50	Windsor	2462.16	Flying K Ranch	N	N	N
			Heliport			
61	Berkeley	1316.7	Berkeley Municipal Heliport	Y	Y	Y
62	Campbell	None	San Jose Helicopters, Inc.	N	Closed	Y
63	Danville	1481	Filper Field	N	N	N
64	Lafayette	1735	Lafayette Heliport	N	Closed	N
65	Mill Valley	None	Marin Civic Center Heliport (County Offices)	-	-	Y
66	Monte Rio	1914.5	Tri County Copters	N	Y	Y
67	Oakland	1971.2	Alameda Co. Parking Garage	Y	Closed	Y
68	Oakland	1971.3	Edgewater Heliport	N	Closed	N
69	Oakland	None	SFO Helicopters (Freight) 7th Street	-	-	Y
70	Richmond	2107.41	U of C Heliport	Y	N	Y
71	San Leandro	2209	Peterson Tractor's	N	N	Y

*Airports selected for detailed study.
Y = Yes
N = No
- = Information either unknown, not available, or not applicable.

BASAR No.	City	FAA Site No.	Heliport	Public Owned	Open to Public	State Permit
72	San Francisco	2187.4	Ferry Bldg. Heliport	N	Temp. Closed	N
73	San Francisco	2186.1	555 Market St. Heliport	?	Closed	N
74	Santa Clara	2238.1	Viking Air Park	N	Closed	N
75	Sausalito	2280.1	Marin Co. Heliport	N	N	Y
76	Sunnyvale	2325.1	Spruance Heliport	N	Closed	N
77	Walnut Creek	2416.1	John Muir Hospital	N	N	Y
78	Oakland	Pending	Highland Hospital	N	N	Pending
79	San Pablo	Pending	Brookside	N	N	Pending
80	Hayward	1651.1H	St. Roses Hospital	N	N	Pending
81	San Mateo	1586.7H	Wells Fargo Helipad	N	N	-
			Seaplane Base			
85	San Francisco	2187.1	Chatfield Air Service	N	Y	Y
86	Sausalito	2281	Command Seaplane Base	N	Y	Y
			Military Airport			
90	Alameda	1226	*Alameda Naval Air Station	Y	N	-
91	Fairfield	1565.1	*Travis Air Force Base	Y	N	-
92	Mt. View	1925	*Moffett Field Naval Air Station	Y	N	-
93	San Francisco	2186	*Crissy Army Airfield	Y	N	-
94	San Rafael	2223	*Hamilton Air Force Base	Y	N	-

*Airports selected for detailed study.
Y = Yes
N = No
- = Information either unknown, not available, or not applicable.

APPENDIX A

(continued)

BASAR No.	City	FAA Site No.	Military Heliport	Public Owned	Open to Public	State Permit
95	Oakland		Oakland Army Terminal	Y	N	-
			Military Seaplane Base			
96	San Francisco		San Francisco Coast Guard Air Station	Y	N	-

Y = Yes
N = No
- = Information either unknown, not available, or not applicable.

A P P E N D I X B

AIRPORT INVENTORY

CONTENTS:

B-1 - Key to BASAR Inventory Coding System*
B-2 - Airport Inventory by Individual Airport
B-3 - Summary of Airport Inventory by Data Card

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* The entire BASAR Airport Inventory Data Collection format has been furnished to the Association of Bay Area Governments.

APPENDIX B-1

KEY TO BASAR INVENTORY CODING SYSTEM*

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* The entire BASAR Airport Inventory Data Collection format has been furnished to the Association of Bay Area Governments.

KEY TO BASAR INVENTORY COMPUTER SYSTEM

NOTE: Throughout this report, the symbol "-" and any series of "-"s indicate that the information or data is either unknown, not available, or not applicable.

DATA CARD #1

Numerical Codes for BASAR Counties

Code	County
001	Alameda
013	Contra Costa
041	Marin
055	Napa
075	San Francisco
081	San Mateo
085	Santa Clara
095	Solano
097	Sonoma

Site Number

The airport number assigned by the Federal Aviation Administration.

I.D.

The BASAR Airport Identification Number.

Card

The BASAR data collection card number. There are 8 cards for each airport, each card containing different types of information.

DATA CARD #2

Code	Airport Type
1	Open to the general public
2	Not open to the general public
3	Closed
4	Inactive
5	Unreported
6	Under construction

Fuel

Octane	Under 5000 Gallons	Over 5000 Gallons
None	X	..
80 or lower	0	5
80/87 & lower	1	6
91/96 & lower	2	7
100/130 & lower	3	8
Special (jet, kero, etc.)	4	9

Code	Type of Runway Lights
0	None
1	High Intensity (HI)
2	Medium Intensity (MI)
3	Other (Low intensity, Boundary, Flying Farmer, etc.)
4	HI and MI
5	HI and Other
6	MI and Other
7	HI, MI and Other
8	Unknown (runway lights are installed and operating; however, their type is unknown)

Code	Type of Other Lights
0	None
1	Taxiway
2	Approach
3	Obstruction
4	Taxiway and Approach
5	Taxiway and Obstruction
6	Taxiway, Approach and Obstruction
7	Approach and Obstruction
8	Miscellaneous (flood lights, flare pots, etc.)

DATA CARD #2
(continued)

Code	Type of Beacon
0	None
1	Clear and Green
2	Clear and Red
3	Clear
4	Yellow
5	Clear and Yellow

Code	Type of Pavement
0	Unknown
1	Longest runway is turf with shorter paved runway available
2	Longest runway is turf; however, a portion of this runway is paved
3	Longest runway is entirely paved
4	Longest runway is entirely turf
5	Longest runway is sand, dirt, water, gravel, etc.

Code	Type of Ownership
0	Unknown
1	Publicly owned
2	Privately owned

Code	Service Type
0	LS - Landing Strip
1	B1 - Basic Utility Stage 1
2	B2 - Basic Utility Stage 2
3	GU - General Utility
4	BT - Basic Transport
5	GT - General Transport
6	AT - Air Transport
7	Helio or SP at airport
8	Separate Site, Helio, STOL, SP
9	Military

DATA CARD #2
(continued)

Code	Scheduled Air Carrier Service Type
0	None
1	Scheduled Air Carrier
2	Alternate
3	Provisional
4	Alternate and Provisional
5	Other (mail, cargo, etc.)
6	Intra-State

Runway Length Corrected

Corrected length of main runway using FAA method which considers elevation, temperature, and runway gradient.

Annual Total Traffic is in thousands of operations.

DATA CARD #3

Ownership

First:

C - County
D - District
F - Federal
J - Joint City/County
M - Municipal
P - Private
S - State

Second:

Blank - Own
L - Leased (greater than 20 years)
S - Short Term (less than 20 years)

Distance to Nearest Town - in miles

Population of Nearest Town

1960 census with units position used to indicate update year, if subsequently recounted or estimated.

Taxiway System Type

First:

P - Parallel to Principal Runway
N - Connecting

Second:

P - Paved
I - Improved
B - Bare, turf or grass

NO- No Taxiway

Approach Systems

A = ADF (Automatic Direction Finder)
I = ILS (Instrument Landing System)
D = VORDME (VHF Omnidirectional Range - distance measuring equipment)
V = VOR (Very High Frequency Omnidirectional Range)
R = RAPCON (Radar Approach Control)
T = TRACON (Terminal Radar Approach Control)
N = None

DATA CARD #3
(continued)

Clear Zones

Code the distance land ownership or purchased air rights extend beyond the threshold for the usual approach and departure ends in hundreds of feet.

Residential Proximity

Code the distance from the threshold of the approach path of the runway to the nearest residential area in hundreds of feet. Side distance shows lateral distance from runway centerline to nearest residential area. All data given runway end identification number followed by distance (in 00s ft.). "UN" means greater than 9999 feet.

DATA CARD #4

Weather Status of Airport

Code	Status
W	Weather Alternate
P	Provisional Airport
B	Both
N	Neither

Tower

Code	Status
Y	Yes
N	No

All annual operations, annual passenger volumes, and annual weights are expressed in thousands.

Threshold Displacement Distance

Threshold Displacement Distance in hundreds of feet on main approach runway.

Obstruction Slope (XX : 1)

Calculated slope of controlling obstruction as measured along centerline.

Largest Aircraft Type Using the Airport

Code	Type
1	747
2	707
3	737
4	Business jets
5	Multi-engine commercial
6	General aviation propeller

DATA CARD #4
(continued)

STAR

Number of Standard Terminal Approach Routes (if 9 or more, use "9")

SID

Number of Standard Instrument Departure Routes (if 9 or more, use "9")

Airport Approach Type

Code	Type	RVR	DH
1	Category I	2400	200
2	Category II	1200	100
3A	Category IIIA	700	0
3B	Category IIIB	150	0
3C	Category IIIC	0	0
4	Non-Precision Approach		
5	VFR Airport		

Aircraft Parking System Type

Code	Type
F	Frontal
P	Pier Finger
O	Open Apron (general aviation type)
S	Satellite

DATA CARD #5

Airline Passengers - in thousands

Cargo and Mail - in thousands of pounds

General Aviation Itinerant, Local, and Total Operations - in thousands

General Aviation Busy Hour and Peak Day Operations - not in thousands

General Aviation Training Activity Present at Airport

Code	Type	
xx	Yes	If present, insert percent training is of total G.A. aircraft operations (i.e., "10" if 10 percent).
No	No	

Airline Operations: Annual - in thousands
Total - in thousands
Busy Hour - not in thousands
Peak Day - not in thousands

Airline Training Activity Present at Airport

Code

Y = Yes
N = No

DATA CARD #6

Length - in 00s of feet

Threshold Displacement - in 00s of feet

Runway Marking Type

Code	Type
B	Basic
A	All-weather
I	Instrument
N	None

Pavement Type

Code	Type
A	Asphaltic Concrete
C	P.C.C. Concrete
T	Turf
I	Improved - Oil, Lime, or Other Type Treatment
U	Unimproved

Pavement Load

Load Bearing Capacity in Kips. Classify by highest type of main gear configuration in use at airport.

Code		Type
S	=	Single
D	=	Dual
DT	=	Dual Tandem
DDT	=	Dual Dual Tandem; i.e., "730 DDT" for 730^k gross weight aircraft having DDT main gear
ESW	=	Equivalent Single Wheel Load

APPENDIX B-2

AIRPORT INVENTORY BY INDIVIDUAL AIRPORT

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
055	1244.8	ANGWIN	ANGWIN	01	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	30	0	0	0	2	2	2	0	03200	20	01	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	28-06	107	461	.5	2009	1	NO	N	80	10	15-UN	33-UN	-	-	5	01	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
203	N	N	20	0	0	0	7	10	6	0	0	5	0	0	01	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	7	13	20	---	----	65	0	20	0	0	N	01	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	15	52	32	0	7	1.00	91	1848	50	N	I	--- ---	01	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	01	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	01	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
013	1246.	ANTIOCH	ANTIOCH	02	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	60	3	2	0	3	2	0	0	01685	30	02	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	07-04	139	420	2.0	26009	1	P1	N	1	0	27-UN	09-UN	-	-	50	02	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
012	N	N	30	0	0	0	0	25	6	0	0	5	0	0	02	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	10	20	30	---	----	67	0	30	0	0	N	02	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	9	25	17	3	0	0.50	90	191	33	N	A	13 ESW	02	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
S-L	NONE	NN	N	02	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	02	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
055	1364.	CALISTOGA	CALISTOGA AIRPARK	06	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	15	0	0	0	3	2	0	0	02030	10	06	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
M	28-02	099	462	.0	799	1	NO	N	3	1	28-UN	10-	4	-	-	3	06	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
058	N	N	10	0	0	0	0	25	6	0	0	5	0	0	06	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	8	3	10	---	----	33	0	10	0	0	N	06	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	10	27	20	0	0	0.50	91	365	35	B	A	3 5	06	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	06	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	06	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	1411.1	CLOVERDALE	CLOVERDALE MUNICIPAL	07	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	11	3	8	0	3	1	1	0	02180	12	07	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
M	49-12	076	475	3.0	3209	1	NI	N	4	6	14-UN	32-UN	-	-	UN	07	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
C60	N	N	12	0	0	0	0	20	6	0	0	5	0	0	07	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	7	5	12	---	----	42	0	12	0	0	N	07	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	14	32	22	0	5	0.12	93	273	60	B	A	12 S	07	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
14-L	NONE	NN	N	07	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	07	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
013	1437.	CONCORD	BUCHANAN FIELD	08	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	9	386	2	1	1	3	1	4	6	04240	347	08	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
C	07-01	125	422	1.0	86909	5	PP	V,R	20	20	01-43	19-UN	14-UN	32-59	4	08	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
CCR	N	Y	342	4	0	24	3	47	4	0	5	4	1	F	08	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
13	-------	-------	122	220	342	296	1778	64	4	346	6	32	N	08	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
4	1L	50	42	3	3	0.06	91	23	150	B	A	160 DT	08	060
4	1R	28	23	0	0	0.05	91	23	75	B	A	16 S	08	061
4	14L	46	38	6	3	0.15	91	23	150	B	A	140 DT	08	062
4	14R	28	23	0	0	0.11	91	23	75	I	A	13 S	08	063

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
1L-M/1R-M	NONE	EN	Y	08	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
19R-RAP,V SID	T	08	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	1487.2	DAVIS	TREMONT	09	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	N	00	0	0	0	5	2	0	0	---	---	09	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	48-08	146	454	5.4	21759	1	NO	N	10	10	03-UN	21-UN	-	-	UN	09	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	---	0	0	0	--	--	6	0	0	5	0	0	09	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	----	----	----	---	----	--	0	----	0	0	N	09	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	N-S	20	---	-	--	---	---	27	100	N	T	---	---	09	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	09	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	09	080

BAY AREA STUDY OF AVIATION REQUIREMENTS
JULY 1970

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	1510.1	DIXON	MAINE PRAIRIE	10	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	8	0	0	0	5	2	0	0	01610	4	10	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
P	48-09	139	448	4.0	4279	1	NO	N	--	—	16-UN	34-UN	-	-	UN	10	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	4	0	0	0	0	50	6	0	0	5	0	0	10	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	1	3	4			75	0	4	0	0	N	10	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	16	20	16	0	0	0.10	95	36	50	N	I	3 5	10	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	10	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	10	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
001	1588.2	FREMONT	SKY SAILING	12	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	1	17	0	0	0	5	2	0	0	01620	150	12	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR APP	ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
PS	01-C8	131	088	6.0	98309	1	PI	N	7	10	28-UN	10-UN	-	-	UN	12	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	150	0	0	0	0	50	6	0	0	5	0	0	12	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	10	140	150	---	----	93	0	150	0	0	N	12	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	10	18	16	0	0	0.10	80	12	30	N	I	---	---	12	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	12	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	12	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
001	1588.21	FREMONT	FREMONT AIRPORT	13	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	80	3	0	0	3	2	1	0	02240	35	13	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	01-10	133	384	2.5	96309	1	PP	N	8	5	12-UN	30-67	-	-	25	13	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	35	0	0	0	0	20	6	0	0	5	0	0	13	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	10	25	35	---	----	72	0	35	0	0	N	13	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	12	23	22	0	0	0.13	78	4	40	N	A	12 S	13	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
12-L	NONE	NN	N	13	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	13	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
081	1638.	HALF MOON BAY	HALF MOON BAY AIRPORT	14	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC	ID.	CARD
1	8	35	2	1	1	3	1	5	4	04390	40	14	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE				ID.	CARD
C	41-01	101	388	6.0	3868	1	PP	N	10	13	30-14	12-12	-	-	4	14	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST	ID.	CARD
HAF	B	N	40	0	0	0	0	40	3	0	0	5	1	F	14	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR	ID.	CARD
0	0	0	10	30	40	---	----	75	0	40	0	0	N	14	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD	ID.	CARD
1	12	50	44	0	0	0.68	67	64	150	B	A	360 DT	14	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT	ID.	CARD
12-M	NONE	EE	Y	14	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT	ID.	CARD
NONE	NONE	14	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
001	1651.	HAYWARD	HAYWARD AIR TERMINAL	15	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	9	406	2	8	1	3	1	5	0	04700	279	15	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY	R/W SIDE			
M	01-02	122	399	2.0	93406	2	PP	V,T	13	24	28-19	10-24	-	-	10	15	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
HWD	N	Y	271	0	8	0	0	30	5	0	0	4	0	0	15	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	110	161	271	150	1320	60	0	279	0	0	N	15	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	10L	35	27	4	2	0.31	75	49	75	I	A	13 S	15	060
2	10R	52	47	10	8	0.42	75	49	150	I	A	300 DT	15	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
10L-N/10R-M	NONE	NN	Y	15	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
TRA,V	C,T	15	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	1651.7	HEALDSBURG	HEALDSBURG MUNICIPAL	16	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	22	3	1	0	3	1	0	0	02060	15	16	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W		SIDE		
M	49-13	080	469	3.0	5429	1	NP	N	10	—	13-UN	31-UN	-	-	UN	16	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	15	0	0	0	3	15	6	0	0	5	0	0	16	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	7	8	15	---	----	53	0	15	0	0	N	16	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	13	26	21	3	0	0.50	80	285	35	B	A	10 S	16	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
13-L	NONE	NN	N	16	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	16	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
001	1779.2	LIVERMORE	LIVERMORE MUNICIPAL	19	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	187	2	8	1	3	1	1	0	02290	269	19	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY	R/W SIDE			
M	01-11	139	401	2.0	35309	1	PP	N	12	14	07-UN 25-50	-	-	UN	19	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
104	N	N	270	0	0	0	0	40	6	0	0	5	0	0	19	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	68	202	270	---	----	75	0	270	0	0	N	19	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	7	40	23	0	0	0.61	90	397	100	B	A	45 D	19	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
7-M	NONE	EE	Y	19	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	19	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
085	1922.1	MORGAN HILL	MORGAN HILL	21	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	35	3	0	0	3	2	1	0	03410	5	21	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	-	147	361	1.0	5579	1	P1	N	6	7	31-UN	13-UN	-	-	43	21	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
308	N	N	5	0	0	0	5	20	6	0	0	5	0	0	21	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	2	3	5	---	----	60	0	5	0	0	N	21	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	13	35	34	7	5	0.20	82	375	30	N	A	6 S	21	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
13-L	NONE	NN	N	21	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	21	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
055	1933.	NAPA	NAPA COUNTY	23	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	130	2	0	1	3	1	4	6	04330	179	23	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
C	28-01	114	441	6.0	35709	2	NP	V,R	12	6	24-UN	18-UN	06-26	36-38	36	23	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
APC	N	Y	176	1	2	4	0	27	4	0	0	4	1	F	23	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
4	-------	------	77	93	170	108	876	55	1	179	2	10	N	23	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	6	50	40	0	0	0.44	82	33	150	B	C	120 DT	23	060
2	18	53	43	0	0	0.25	82	33	150	B	C	120 DT	23	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
6-M/18-M	NONE	NN	Y	23	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
RAP,V	T	23	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
041	1967.	NOVATO	GNOSS FIELD	24	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	96	2	3	0	3	1	0	0	02970	100	24	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
C	21-04	098	433	2.0	28906	1	PP	N	2	2	13-UN	31-UN	-	-	UN	24	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
056	N	N	100	0	0	0	0	50	6	0	0	5	0	0	24	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	50	50	100	---	----	50	0	100	0	0	N	24	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	13	33	30	0	0	0.03	81	2	60	B	A	12 S	24	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
13-M	NONE	EE	Y	24	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	24	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
001	1971.	OAKLAND	METROPOLITAN OAKLAND INTL	25	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	9	487	1	6	1	3	1	6	1	09240	375	25	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE							
M	01-01	116	403	5.0	385704	4	PP	AIDVT	65	99	29-UN	27-82	11-UN	09-14	99	25	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
CAK	B	Y	299	70	6	1818	0	50	1	9	6	2	12	P	25	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
1818	8080	2330	161	138	299	202	1568	54	70	375	47	275	Y	25	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD DISPLACE LAND	THRESHOLD DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
4	9L	55	50	0	0	0.00	74	6	150	A	A	77 DT	25	060
4	9R	62	58	0	0	0.00	74	6	150	1	A	230 DT	25	061
4	11	100	92	0	0	0.01	74	6	150	A	A	400 DT	25	062
4	15	55	51	0	21	0.00	74	6	150	B	A	100 DT	25	063

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
9L-H/9R-H/15-H/29-H,C,TDZ	27R-H,S/29-H,S	EE	Y	25	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
27L-VD/27R-ILS,VD/29-ADF,ILS,VD ASR SID STAR VT	RVV,RVR,C,T(R)	25	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
065	2022.	PALO ALTO	PALO ALTO ARPT OF SANTA CLARA	26	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	285	2	8	1	3	1	1	0	02230	210	26	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY		R/W SIDE		
CL	43-02	119	384	.0	55286	1	PP	N	2	2	30-UN	12-UN	-	-	24	26	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
PAO	N	Y	210	1	0	-	0	28	6	0	0	5	1	F	26	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
15	-------	------	100	110	210	132	670	52	1	211	6	38	N	26	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	12	25	22	0	0	0.08	78	2	65	B	A	5 S	26	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
12-M	NONE	EE	Y	26	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	C,T	26	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2042.	PETALUMA	PETALUMA SKY RANCH	29	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	71	2	0	0	3	2	0	0	01900	18	29	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY		R/W SIDE		
P	49-04	096	441	1.0	23759	1	PP	N	0	0	29-ON	11-ON	-	-	3	29	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
069	N	N	18	0	0	0	0	50	6	0	0	5	0	0	29	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	3	15	18	---	----	83	0	18	0	0	N	29	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	11	21	17	3	0	0.50	81	78	50	B	A	9 S	29	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
11-M	NONE	NN	N	29	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	29	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
055	2059.8	POPE VALLEY	USIBELLI RESTAURANT	31	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	2	3	0	0	3	2	0	0	03020	6	31	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR APP	ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY		R/W SIDE		
P	28-C7	108	464	2.0	50	1	NO	N	--	--	09-UN	27-UN	-	-	UN	31	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	6	0	0	0	3	10	6	0	0	5	0	0	31	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	5	1	6	---	---	17	0	6	0	0	N	31	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	9	37	30	9	3	0.00	91	618	30	N	A	6 S	31	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
9-L	NONE	NN	N	31	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	31	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	2110.8	RIO VISTA	RIO VISTA MUNICIPAL	32	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	6	16	3	3	0	3	I	I	0	02400	11	32	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
M	48-05	146	434	1.0	3229	2	PI	V,R	3	3	25-13	07-UN	14-UN	32-18	13	32	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
C88	N	N	11	0	0	0	2	20	6	0	0	4	0	C	32	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	4	7	11	---	----	64	0	11	0	0	N	32	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	7	32	24	0	2	0.16	95	44	60	N	A	13 S	32	060
2	14	20	15	0	0	0.50	95	44	30	N	A	13 S	32	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
7-N/14-L	NONE	EE	N	32	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
RAP,V	NONE	32	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
081	2160.1	SAN CARLOS	SAN CARLOS	34	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	384	2	0	1	3	1	1	0	02600	300	34	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY	R/W SIDE			
C	41-08	113	386	1.0	24978	1	PP	N	6	5	30-UN	12-99	-	-	14	34	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
SQL	N	Y	300	0	0	0	0	50	6	0	0	5	0	0	34	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	80	220	300	---	----	73	0	300	0	0	N	34	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	12	26	26	0	0	0.00	72	2	75	B	A	12 S	34	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
12-M	NONE	EE	Y	34	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	T	34	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
081	2187.	SAN FRANCISCO	SAN FRANCISCO INTL	35	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	9	75	1	6	1	3	1	6	1	09835	370	35	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
J	38-01	108	398	9.0	699809	4	PP	I,V,T	99	25	28-UN	10-37	01-20	19-UN	49	35 030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
SFO	B	Y	58	305	6	13544	0	50	1	9	9	2	54	P	35	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
13544	571828	277554	58	0	58	95	1271	0	305	369	69	948	N	35	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
4	1L	70	65	0	0	0.04	72	11	200	I	A	350 DT	35	060
4	1R	95	89	11	0	0.02	72	11	200	I	A	350 DT	35	061
4	10L	97	90	0	0	0.05	72	11	200	A	A	350 DT	35	062
4	10R	106	98	0	0	0.06	72	11	200	A	A	350 DT	35	063

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
1L-H/1R-H/10L-H/10R-H,C,TDZ	19L-HS/28L-HS/28R-RV	EE	Y	35	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
10LR-V/19L-ILS,V/28L-ILS,V/28R-V/ASR SID STAR TV	ASDE,RVR,C,T(R)	35	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
085	2203.	SAN JOSE	REID HILLVIEW	36	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC	ID.	CARD
1	8	420	2	3	1	3	1	1	0	02500	221	36	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					ID.	CARD
C	43-C8	139	376	5.0	435209	1	PP	N	2	7	31-75	13- 5	-	-	8	36	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST	ID.	CARD
RHV	N	Y	221	0	0	0	4	20	6	0	0	5	0	0	36	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR	ID.	CARD
0	0	0	98	123	221	113	1184	56	0	221	0	0	N	36	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD	ID.	CARD
2	13L	31	25	5	4	0.04	84	133	75	B	A	17 S	36	060
2	13R	31	25	0	0	0.04	84	133	75	B	A	17 S	36	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT	ID.	CARD
13L-M	NONE	NN	Y	36	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT	ID.	CARD
NONE	C,T	36	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
085	2204.	SAN JOSE	SAN JOSE MUNICIPAL	37	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	9	503	4	6	1	3	1	6	1	07800	389	37	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
N	43-01	133	378	2.0	435209	2	PP	I,D,V,T	11	17	30-25	12-67	-	-	17	37	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
SJC	B	Y	334	53	2	1071	15	46	2	6	2	I	10	P	37	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
1071	1870	680	182	153	335	175	1622	46	53	389	14	181	N	37	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
3	11	30	--	0	0	0.30	81	56	40	B	A	12 S	37	060
3	12L	44	38	0	0	0.29	81	56	150	I	A	145 DT	37	061
3	12R	89	78	0	15	0.24	81	56	150	A	A	300 DT	37	062

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
11-N/12L-M/12R-H	30L-H,S,R	EE	Y	37	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
12L-V/12R-V/30L-ILS,V/30R-V/ SID STAR VD	RVR,C,T	37	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
041	2222.1	SAN RAFAEL	SMITH RANCH	38	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
2	3	37	3	8	0	3	2	0	0	02054	15	38	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
P	-	100	425	3.0	36508	2	NP	N	29	9	04-75	22-UN	18-UN	36-54	5	38	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	15	0	0	0	0	17	6	0	0	5	0	0	38	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	5	10	15	---	---	67	0	15	0	0	N	38	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	4	21	21	0	0	0.00	80	0	50	N	A	7 S	38	060
2	18	23	23	0	0	0.00	80	0	25	N	I	3 S	38	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
4-L/18-N	NONE	NN	N	38	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	38	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2258.	SANTA ROSA	SANTA ROSA AIR CENTER	40	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	N	41	0	0	0	3	2	3	0	06200	24	40	020

OWNER LEASE	STATE PERMIT	CALIF X	GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	49-14	088	451	3.0	84587	1	PP	N	15	15	16-16	34-16	-	-	5	40	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	24	0	0	0	6	20	6	0	0	5	0	0	40	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	12	12	24	---	----	50	0	24	0	0	N	40	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	16	70	62	6	14	0.00	84	100	200	B	C	30 5	40	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	40	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	40	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2260.	SANTA ROSA	SONOMA COUNTY	42	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	187	2	8	1	3	1	4	1	04320	96	42	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
C	49-01	086	459	7.0	48458	2	PP	V	14	10	14-25	32-UN	19-25	01-UN	15	42	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
STS	N	Y	93	2	1	16	0	50	5	0	0	4	1	F	42	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
16	-------	------	55	38	93	80	576	41	2	96	4	14	Y	42	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	1	50	43	0	0	0.28	81	125	150	B	A	110 DT	42	060
2	14	50	43	0	0	0.16	81	125	150	I	A	79 DT	42	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
1-N/14-M	NONE	NN	Y	42	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
32-TV	T	42	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2260.1	SANTA ROSA	SANTA ROSA COODINGTOWN	43	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	81	2	8	0	3	2	1	6	02600	70	43	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	49-11	090	457	2.0	48458	1	PP	N	3	2	16-UN	34- 5	-	-	2	43	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
306	N	N	70	2	0	--	1	20	5	0	0	5	1	F	43	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	35	35	70	---	----	50	2	72	---	----	N	43	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	16	31	26	1	6	0.26	81	135	75	B	A	12 5	43	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
16-M	NONE	NN	N	43	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	43	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2281.6	SCHELLVILLE SONOMA	SONOMA VALLEY AIRPORT	44	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	30	0	0	0	4	2	1	0	02600	30	44	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
P	49-08	105	439	5.0	-------	2	NB	N	1	0	16-UN	32-UN	7-15	25-UN	7	44	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	30	0	0	0	0	40	6	0	0	5	0	0	44	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	15	15	30	---	----	50	0	30	0	0	N	44	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	7	24	21	0	0	0.00	82	5	50	N	T	5 S	44	060
2	16	29	26	0	0	0.00	82	5	100	N	T	5 S	44	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	44	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	44	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2352.1	THE SEA RANCH	SEA RANCH	45	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	3	0	0	0	3	2	0	0	02040	4	45	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY	R/W SIDE			
P	49-15	053	473	4.0	-------	1	NP	N	7	--	30-UN	12-UN	-	-	UN	45	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	4	0	0	0	0	12	6	0	0	5	0	0	45	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	2	2	4	---	----	50	0	4	0	0	N	45	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	12	26	20	0	0	0.60	80	350	40	B	A	13 S	45	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	45	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	45	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
097	2299.8	SONOMA	SONOMA SKYPARK	46	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	3	31	3	0	0	5	2	1	0	02180	30	46	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	49-16	105	441	2.5	3809	1	PI	N	--	--	07-UN	25- 6	-	-	UN	46	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	30	0	0	0	1	15	6	0	0	5	0	C	46	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	7	23	30	---	---	77	0	30	0	0	N	46	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	7	25	22	0	1	0.12	82	25	50	N	I	5 S	46	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
7-L	NONE	NN	Y	46	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	46	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	2389.	VACAVILLE	VACA-DIXON	47	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC	ID.	CARD
1	1	9	0	0	0	3	2	0	0	01680	5	47	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					ID.	CARD
P	48-04	134	451	6.8	22259	2	NI	N	6	3	34-UN	16-UN	36-UN	18-UN	UN	47	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST	ID.	CARD
---	N	N	5	0	0	0	5	15	6	0	0	5	0	0	47	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR	ID.	CARD
0	0	0	2	3	5	---	---	60	0	5	0	0	N	47	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD	ID.	CARD
2	16	20	17	0	0	0.00	95	78	75	N	U	--- ---	47	060
2	18	21	17	0	0	0.00	95	78	50	N	I	--- ---	47	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT	ID.	CARD
NONE	NONE	NN	N	47	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT	ID.	CARD
NONE	NONE	47	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	2389.1	VACAVILLE	NUT TREE	48	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	8	28	0	0	0	3	2	0	0	02030	42	48	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY	R/W SIDE			
P	48-06	131	448	2.0	22259	1	PP	N	6	12	15-UN	01-39	-	-	42	48	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
C45	N	N	42	0	0	0	0	50	6	0	0	5	0	0	48	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	32	10	42	---	----	24	0	42	0	0	N	48	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	1	25	20	0	0	0.10	95	112	50	B	A	11 S	48	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
NONE	NONE	NN	N	48	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	48	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	2389.2	VACAVILLE	VACAVILLE	49	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
1	1	35	3	8	0	3	2	0	0	01720	20	49	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
P	48-07	128	445	2.0	22259	1	PI	N	10	10	18-83	36-ON	-	-	UN	49	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	N	20	0	0	0	0	17	6	0	0	5	0	0	49	040

AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR		
0	0	0	5	15	20	---	---	75	0	20	0	0	N	49	050

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	18	21	17	0	0	0.10	95	220	75	N	A	10 S	49	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
18-L	NONE	NN	N	49	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	NONE	49	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
001	1226. M	ALAMEDA	ALAMEDA NAVAL AIR STATION	90	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
2	9	---	7	6	-	3	1	9	0	----	137	90	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
F	--	111	408	.5	79606	2	PP	V,D,T,A	-	-	07-UN	25-22	13-UN	31-UN	8	90	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
AGZ	N	Y	0	0	137	0	7	-	1	0	2	2	-	-	90	040

ITIN ANN OPS	LOC ANN OPS	OPS TOTAL	BUS HR OPS	OPS PK DAY	TR		
--	--	137	34	525	Y	90	051

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	7	72	--	0	5	0.00	-	15	200	-	A	50 ESW	90	060
2	31	80	--	7	8	0.00	-	15	200	-	A	50 ESW	90	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
31-H,C(H)	13-H,S,R	EE	Y	90	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
7-N/13-PAR/25-PAR/31-ASR,PAR,VT	T(R)	90	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
095	1565.1 M	FAIRFIELD	TRAVIS AIR FORCE BASE	91	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
2	9	---	7	6	-	3	1	9	0	----	121	91	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE						
F	--	131	441	5.0	47608	2	PP	V,D,R,I	-	-	21-UN	3-UN	-	-	20	91	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
SUU	N	Y	0	0	121	0	0	-	1	0	6	2	-	-	91	040

ITIN ANN OPS	LOC ANN OPS	OPS TOTAL	BUS HR OPS	OPS PK DAY	TR		
--	--	121	--	350	Y	91	051

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	3L	110	--	0	0	0.00	-	6	300	-	A	65 ESW	91	060
2	3R	110	--	0	0	0.00	-	6	300	-	A	65 ESW	91	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
21-H	21-H,S,V,R	EE	Y	91	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
3-21/ASR,ILS,PAR,VT	T(R)	91	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
085	1925. M	MOUNTAIN VIEW	MOFFETT FIELD NAVAL AIR STA.	92	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
2	9	---	7	6	-	3	1	9	0	----	114	92	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
F	--	125	382	.5	53209	2	PP	V,D,T	25	UN	32-50	14-UN	-	-	45	92	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
NVQ	N	Y	0	0	114	0	6	-	1	0	4	2	-	-	92	040

ITIN ANN OPS	LOC ANN OPS	OPS TOTAL	BUS HR OPS	OPS PK DAY	TR		
--	--	114	--	750	Y	92	051

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
2	14L	92	--	0	0	0.00	-	34	200	-	A	37 SWL	92	060
2	14R	81	--	0	6	0.00	-	34	200	-	A	37 SWL	92	061

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
14L-32R/H,C	14L-32R/H,S	EE	Y	92	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
14L-32R/ASR,PAR,VT,ILS 14R-32L/ASR,PAR,VT	T(R)	92	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
075	2186. M	SAN FRANCISCO	CRISSY ARMY AIRFIELD	93	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
2	-	---	2	0	-	3	1	9	0	----	5	93	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					
F	--	105	410	.2	699809	1	NO	T	10	UN	6- 5	24- 5	-	-	5	93	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
---	N	Y	0	0	5	0	0	20	6	0	0	5	-	-	93	040

ITIN ANN OPS	LOC ANN OPS	OPS TOTAL	BUS HR OPS	OPS PK DAY	TR		
--	--	5	--	--	N	93	051

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	6	26	--	0	0	0.00	-	8	120	-	A	15 S	93	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
6-24/M	NONE	NN	Y	93	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
NONE	T	93	080

COUNTY	SITE NO.	CITY	AIRPORT NAME	ID.	CARD
041	2223. R	SAN RAFAEL	HAMILTON AIR FORCE BASE	94	010

AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC		
2	9	---	7	6	-	3	1	9	0	----	58	94	020

OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR ZONE APP	CLEAR ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY	R/W SIDE			
F	--	102	425	5.0	36508	1	PP	A,I,D,R	30	UN	30-UN	12-UN	-	-	13	94	030

AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST		
SRF	N	Y	0	0	58	0	0	-	1	0	3	2	-	-	94	040

ITIN ANN OPS	LOC ANN OPS	OPS TOTAL	BUS HR OPS	OPS PK DAY	TR		
--	--	58	35	250	Y	94	051

NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD DISPLACE LAND	THRESHOLD DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD		
1	12	80	--	0	0	0.00	-	4	400	-	A	55 S	94	060

RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT		
30-H	30-H,S,V,R	EE	Y	94	070

RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT		
12-30/ASR,PAR,ILS,RAP,VT	T(R)	94	080

BAY AREA STUDY OF AVIATION REQUIREMENTS
JULY 1970

APPENDIX B-3

SUMMARY OF AIRPORT INVENTORY BY DATA CARD

COUNTY	SITE NO.		CITY	AIRPORT NAME	ID.	CARD
055	1244.8		ANGWIN	ANGWIN	01	010
013	1246.		ANTIOCH	ANTIOCH	02	010
055	1364.		CALISTOGA	CALISTOGA AIRPARK	06	010
097	1411.1		CLOVERDALE	CLOVERDALE MUNICIPAL	07	010
013	1487.		CONCORD	BUCHANAN FIELD	08	010
095	1487.2		DAVIS	TREMONT	09	010
095	1510.1		DIXON	MAINE PRAIRIE	10	010
001	1588.2		FREMONT	SKY SAILING	12	010
001	1588.21		FREMONT	FREMONT AIRPORT	13	010
081	1638.		HALF MOON BAY	HALF MOON BAY AIRPORT	14	010
001	1651.		HAYWARD	HAYWARD AIR TERMINAL	15	010
097	1651.7		HEALDSBURG	HEALDSBURG MUNICIPAL	16	010
001	1779.2		LIVERMORE	LIVERMORE MUNICIPAL	19	010
085	1922.1		MORGAN HILL	MORGAN HILL	21	010
055	1933.		NAPA	NAPA COUNTY	23	010
041	1967.		NOVATO	GNOSS FIELD	24	010
001	1971.		OAKLAND	METROPOLITAN OAKLAND INTL	25	010
085	2022.		PALO ALTO	PALO ALTO ARPT OF SANTA CLARA	26	010
097	2042.		PETALUMA	PETALUMA SKY RANCH	29	010
055	2059.8		POPE VALLEY	USIBELLI RESTAURANT	31	010
095	2110.8		RIO VISTA	RIO VISTA MUNICIPAL	32	010
081	2160.1		SAN CARLOS	SAN CARLOS	34	010
081	2187.		SAN FRANCISCO	SAN FRANCISCO INTL	35	010
085	2203.		SAN JOSE	REID HILLVIEW	36	010
085	2204.		SAN JOSE	SAN JOSE MUNICIPAL	37	010
041	2222.1		SAN RAFAEL	SMITH RANCH	38	010
097	2258.		SANTA ROSA	SANTA ROSA AIR CENTER	40	010
097	2260.		SANTA ROSA	SONOMA COUNTY	42	010
097	2260.1		SANTA ROSA	SANTA ROSA CODDINGTOWN	43	010
097	2281.6		SCHELLVILLE SONOMA	SONOMA VALLEY AIRPORT	44	010
097	2352.1		THE SEA RANCH	SEA RANCH	45	010
097	2399.8		SONOMA	SONOMA SKYPARK	46	010
095	2389.		VACAVILLE	VACA-DIXON	47	010
095	2389.1		VACAVILLE	NUT TREE	48	010
095	2389.2		VACAVILLE	VACAVILLE	49	010
001	1226.	M	ALAMEDA	ALAMEDA NAVAL AIR STATION	90	010
095	1565.1	M	FAIRFIELD	TRAVIS AIR FORCE BASE	91	010
085	1925.	M	MOUNTAIN VIEW	MOFFETT FIELD NAVAL AIR STA.	92	010
075	2186.	M	SAN FRANCISCO	CRISSY ARMY AIRFIELD	93	010
041	2223.	M	SAN RAFAEL	HAMILTON AIR FORCE BASE	94	010

COUNTY	SITE NO.	AP TYPE	FUEL	BASED AC	R/W LIGHTS	OTHER LIGHTS	BEACON	PAVE	OWNER TYPE	SERVICE TYPE	AIRLINE SERVICE	R/W LENGTH CORRECTED	ANNUAL TRAFFIC	ID	CARD
055	1244.8	1	8	30	0	0	0	2	2	2	0	03200	20	01	020
013	1246.	1	3	60	3	2	0	3	2	0	0	01685	30	02	020
055	1354.	1	8	15	0	0	0	3	2	0	0	02030	10	06	020
097	1411.1	1	3	11	3	8	0	3	1	1	0	02180	12	07	020
013	1437.	1	9	386	2	1	1	3	1	4	6	04240	347	08	020
095	1487.2	1	N	00	0	0	0	5	2	0	0	---	---	09	020
095	1510.1	1	3	8	0	0	0	5	2	0	0	01610	4	10	020
001	1588.2	1	1	17	0	0	0	5	2	0	0	01620	150	12	020
001	1588.21	1	3	80	3	0	0	3	2	1	0	02240	35	13	020
081	1638.	1	8	35	2	1	1	3	1	5	4	04390	40	14	020
001	1651.	1	9	406	2	8	1	3	1	5	0	04700	279	15	020
097	1651.7	1	3	22	3	1	0	3	1	0	0	02060	15	16	020
001	1779.2	1	8	187	2	8	1	3	1	1	0	02290	269	19	020
085	1922.1	1	3	35	3	0	0	3	2	1	0	03410	5	21	020
055	1933.	1	8	130	2	0	1	3	1	4	6	04330	179	22	020
041	1967.	1	8	96	2	3	0	3	1	0	0	02970	100	24	020
001	1971.	1	9	487	1	6	1	3	1	6	1	09240	375	25	020
085	2022.	1	8	285	2	8	1	3	1	1	0	02230	210	26	020
097	2042.	1	3	71	2	0	0	3	2	0	0	01900	18	29	020
055	2059.8	1	3	2	3	0	0	3	2	0	0	03020	6	31	020
095	2110.8	1	6	16	3	3	0	3	1	1	0	02400	11	32	020
081	2160.1	1	8	384	2	0	1	3	1	1	0	02600	300	34	020
081	2187.	1	9	75	1	6	1	3	1	6	1	09835	370	35	020
085	2203.	1	8	420	2	3	1	3	1	1	0	02500	221	36	020
085	2204.	1	9	503	4	6	1	3	1	6	1	07800	389	37	020
041	2222.1	2	3	37	3	8	0	3	2	0	0	02064	15	38	020
097	2250.	1	N	41	0	0	0	3	2	3	0	06200	24	40	020
097	2260.	1	8	187	2	8	1	3	1	4	1	04320	96	42	020
097	2260.1	1	8	81	2	8	0	3	2	1	6	02600	70	43	020
097	2281.6	1	3	30	0	0	0	4	2	1	0	02600	30	44	020
097	2352.1	1	3	3	0	0	0	3	2	0	0	02040	4	45	020
097	2299.8	1	3	31	3	0	0	5	2	1	0	02180	30	46	020
095	2389.	1	1	9	0	0	0	3	2	0	0	01680	5	47	020
095	2389.1	1	8	28	0	0	0	3	2	0	0	02030	42	48	020
095	2389.2	1	1	35	3	8	0	3	2	0	0	01720	20	49	020
001	1226. M	2	9	---	7	6	-	3	1	9	0	----	137	90	020
095	1565.1 M	2	9	---	7	6	-	3	1	9	0	----	121	91	020
085	1925. M	2	9	---	7	6	-	3	1	9	0	----	114	92	020
075	2186. M	2	-	---	2	0	-	3	1	9	0	----	5	93	020
041	2223. M	2	9	---	7	6	-	3	1	9	0	----	58	94	020

COUNTY	SITE NO.	OWNER LEASE	STATE PERMIT	CALIF GRID X	CALIF GRID Y	DIST TOWN	POP OF TOWN	NO. R/W	T/W TYPE	APPROACH SYSTEMS	CLEAR APP	ZONE DEP	RESIDENTIAL PROXIMITY R/W CL DISTANCE-BY R/W SIDE					ID	CARD
055	1244.8	P	28-06	107	461	.5	2009	1	NO	N	80	10	15-UN	33-UN	-	-	5	01	030
013	1246.	P	07-04	139	420	2.0	26009	1	PI	N	1	0	27-UN	09-UN	-	-	50	02	030
055	1364.	M	28-02	099	462	.0	799	1	NO	N	3	1	28-UN	10- 4	-	-	3	06	030
097	1411.1	M	49-12	076	475	3.0	3209	1	NI	N	4	6	14-UN	32-UN	-	-	UN	07	030
013	1437.	C	07-01	125	422	1.0	86909	5	PP	V,R	20	20	01-43	19-UN	14-UN	32-59	4	08	030
095	1487.2	P	48-08	146	454	5.4	21759	1	NO	N	10	10	03-UN	21-UN	-	-	UN	09	030
095	1510.1	P	48-09	139	448	4.0	4279	1	NO	N	--	--	16-UN	34-UN	-	-	UN	10	030
001	1588.2	PS	01-08	131	088	6.0	98309	1	PI	N	7	10	28-UN	10-UN	-	-	UN	12	030
001	1588.21	P	01-10	133	384	2.5	96309	1	PP	N	8	5	12-UN	30-67	-	-	25	13	030
081	1638.	C	41-01	101	388	6.0	3868	1	PP	N	10	13	30-14	12-12	-	-	4	14	030
001	1651.	M	01-02	122	399	2.0	93406	2	PP	V,T	13	24	28-19	10-24	-	-	10	15	030
097	1651.7	M	49-13	080	469	3.0	5429	1	NP	N	10	--	13-UN	31-UN	-	-	UN	16	030
001	1779.2	M	01-11	139	401	2.0	35309	1	PP	N	12	14	07-UN	25-50	-	-	UN	19	030
085	1922.1	P	-	147	361	1.0	5579	1	PI	N	6	7	31-UN	13-UN	-	-	43	21	030
055	1933.	C	28-01	114	441	6.0	35709	2	NP	V,R	12	6	24-UN	18-UN	06-26	36-38	36	23	030
041	1967.	C	21-04	098	433	2.0	28906	1	PP	N	2	2	13-UN	31-UN	-	-	UN	24	030
001	1971.	M	01-01	116	403	5.0	385704	4	PP	AIDVT	65	99	29-UN	27-82	11-UN	09-14	99	25	030
085	2022.	CL	43-02	119	384	.0	55286	1	PP	N	2	2	30-UN	12-UN	-	-	24	26	030
097	2042.	P	49-04	096	441	1.0	23759	1	PP	N	0	0	29-UN	11-UN	-	-	3	29	030
055	2059.8	P	28-07	108	464	2.0	50	1	NO	N	--	--	09-UN	27-UN	-	-	UN	31	030
095	2110.8	M	48-05	146	434	1.0	3229	2	PI	V,R	3	3	25-13	07-UN	14-UN	32-18	13	32	030
081	2160.1	C	41-08	113	386	1.0	24978	1	PP	N	6	5	30-UN	12-99	-	-	14	34	030
081	2187.	J	38-01	108	396	9.0	699809	4	PP	I,V,T	99	25	28-UN	10-37	01-20	19-UN	49	35	030
085	2203.	C	43-08	139	376	5.0	435209	1	PP	N	2	7	31-75	13- 5	-	-	8	36	030
085	2204.	M	43-01	133	378	2.0	435209	2	PP	I,D,V,T	11	17	30-25	12-47	-	-	17	37	030
041	2222.1	P	-	100	425	3.0	36508	2	NP	N	29	9	04-75	22-UN	18-UN	36-54	5	38	030
097	2258.	P	49-14	088	451	3.0	84587	1	PP	N	15	15	16-16	34-16	-	-	5	40	030
097	2260.	C	49-01	086	459	7.0	48458	2	PP	V	14	10	14-25	32-UN	19-25	01-UN	15	42	030
097	2260.1	P	49-11	090	457	2.0	48458	1	PP	N	3	2	16-UN	34- 5	-	-	2	43	030
097	2281.6	P	49-08	105	439	5.0	-------	2	NB	N	1	0	16-UN	32-UN	7-15	25-UN	7	44	030
097	2352.1	P	49-15	053	473	4.0	-------	1	NP	N	7	--	30-UN	12-UN	-	-	UN	45	030
097	2299.8	P	49-16	105	441	2.5	3809	1	PI	N	--	--	07-UN	25- 6	-	-	UN	46	030
095	2389.	P	48-04	134	451	6.8	22259	2	NI	N	6	3	34-UN	16-UN	36-UN	18-UN	UN	47	030
095	2389.1	P	48-06	131	448	2.0	22259	1	PP	N	6	12	19-UN	01-39	-	-	42	48	030
095	2389.2	P	48-07	128	445	2.0	22259	1	PI	N	10	10	18-83	36-UN	-	-	UN	49	030
001	1226. M	F	--	111	403	.5	79606	2	PP	V,D,T,A	-	-	07-UN	25-22	13-UN	31-UN	8	90	030
095	1965.1 M	F	--	131	441	5.0	47608	2	PP	V,D,R,I	-	-	21-UN	3-UN	-	-	20	91	030
095	1925. M	F	--	125	382	.5	53209	2	PP	V,D,T	25	UN	32-50	14-UN	-	-	45	92	030
075	2186. M	F	--	105	410	.2	699809	1	NO	T	10	UN	6- 5	24- 5	-	-	5	93	030
041	2223. M	F	--	102	425	5.0	36508	1	PP	A,I,D,R	30	UN	30-UN	12-UN	-	-	13	94	030

COUNTY	SITE NO.	AP CODE	WEATHER STATUS	TOWER	GA ANN OPS	AL OPS	MIL OPS	AL PASS	THRESH DISP.	OBST. SLOPE	AC SIZE	STAR NO.	SID NO.	AP CAT TYPE	NO. GATES	PARK SYST	ID	CARD
055	1244.8	203	N	N	20	0	0	0	7	10	6	0	0	5	0	0	01	040
013	1246.	012	N	N	30	0	0	0	0	25	6	0	0	5	0	0	02	040
055	1364.	058	N	N	10	0	0	0	0	25	6	0	0	5	0	0	06	040
097	1411.1	060	N	N	12	0	0	0	0	20	6	0	0	5	0	0	07	040
013	1437.	CCR	N	Y	342	4	0	24	3	47	4	0	5	4	1	F	08	040
095	1487.2	---	N	N	---	0	0	0	--	--	6	0	0	5	0	0	09	040
095	1510.1	---	N	N	4	0	0	0	0	50	6	0	0	5	0	0	10	040
001	1588.2	---	N	N	150	0	0	0	0	50	6	0	0	5	0	0	12	040
001	1588.21	---	N	N	35	0	0	0	0	20	6	0	0	5	0	0	13	040
081	1638.	HAF	B	N	40	0	0	0	0	40	3	0	0	5	1	F	14	040
001	1651.	HWD	N	Y	271	0	8	0	8	30	5	0	0	4	0	0	15	040
097	1651.7	---	N	N	15	0	0	0	3	15	6	0	0	5	0	0	16	040
001	1779.2	104	N	N	270	0	0	0	0	40	6	0	0	5	0	0	19	040
085	1922.1	308	N	N	5	0	0	0	5	20	6	0	0	5	0	0	21	040
055	1953.	APC	N	Y	176	1	2	4	0	27	4	0	0	4	1	F	23	040
041	1967.	006	N	N	100	0	0	0	0	50	6	0	0	5	0	0	24	040
001	1971.	OAK	B	Y	299	70	6	1813	0	50	1	9	6	2	12	P	25	040
085	2022.	PAO	N	Y	210	1	0	-	0	28	6	0	0	5	1	F	26	040
097	2042.	069	N	N	18	0	0	0	0	50	6	0	0	5	0	0	29	040
055	2059.8	---	N	N	6	0	0	0	3	10	6	0	0	5	0	0	31	040
095	2110.8	088	N	N	11	0	0	0	2	20	6	0	0	4	0	0	32	040
081	2160.1	SQL	N	Y	300	0	0	0	0	50	6	0	0	5	0	0	34	040
081	2187.	SFO	B	Y	58	305	6	13544	0	50	1	9	9	2	54	P	35	040
085	2208.	RHV	N	Y	221	0	0	0	4	20	6	0	0	5	0	0	36	040
085	2209.	SJC	B	Y	334	53	2	1071	35	43	2	6	2	1	10	P	37	040
041	2222.1	---	N	N	15	0	0	0	0	17	6	0	0	5	0	0	39	040
097	2258.	---	N	N	24	0	0	0	6	20	6	0	0	5	0	0	40	040
097	2260.	STS	N	Y	93	2	1	16	0	50	5	0	0	4	1	F	42	040
097	2260.1	306	N	N	70	2	0	--	1	20	5	0	0	5	1	F	43	040
097	2281.6	---	N	N	30	0	0	0	0	40	6	0	0	5	0	0	44	040
097	2352.1	---	N	N	4	0	0	0	0	12	6	0	0	5	0	0	45	040
097	2299.8	---	N	N	30	0	0	0	1	15	6	0	0	5	0	0	46	040
095	2389.	---	N	N	5	0	0	0	5	15	6	0	0	5	0	0	47	040
095	2389.1	045	N	N	42	0	0	0	0	50	6	0	0	5	0	0	48	040
095	2389.2	---	N	N	20	0	0	0	0	17	6	0	0	5	0	0	49	040
001	1226. M	NGZ	N	Y	0	0	137	0	7	-	1	0	2	2	-	-	90	040
095	1565.1 M	SUU	N	Y	0	0	121	0	0	-	1	0	6	2	-	-	91	040
085	1925. M	NVQ	N	Y	0	0	114	0	6	-	1	0	4	2	-	-	92	040
075	2186. M	---	N	Y	0	0	5	0	0	20	6	0	0	5	-	-	93	040
041	2223. M	SRF	N	Y	0	0	58	0	0	-	1	0	3	2	-	-	96	040

COUNTY	SITE NO.	AL PASS	CARGO	MAIL	GA ITIN ANN OPS	GA LOC ANN OPS	GA OPS TOTAL	GA BUS HR OPS	GA OPS PK DAY	GA TR	AL ANN OPS	ANN OPS TOTAL	AL BUSY HR OPS	AL PK DAY	AL TR	ID	CARD
055	1244.8	0	0	0	7	13	20	---	----	65	0	20	0	0	N	01	050
013	1246.	0	0	0	10	20	30	---	----	67	0	30	0	0	N	02	050
055	1364.	0	0	0	8	3	10	---	----	33	0	10	0	0	N	06	050
097	1411.1	0	0	0	7	5	12	---	----	42	0	12	0	0	N	07	050
013	1437.	13	------	------	122	220	342	296	1778	64	4	346	6	32	N	08	050
095	1487.2	0	0	0	----	----	----	---	----	--	0	----	0	0	N	09	050
095	1510.1	0	0	0	1	3	4			75	0	4	0	0	N	10	050
001	1588.2	0	0	0	10	140	150	---	----	93	0	150	0	0	N	12	050
001	1588.21	0	0	0	10	25	35	---	----	72	0	35	0	0	N	13	050
081	1638.	0	0	0	10	30	40	---	----	75	0	40	0	0	N	14	050
001	1651.	0	0	0	110	161	271	150	1320	60	0	279	0	0	N	15	050
097	1651.7	0	0	0	7	8	15	---	----	53	0	15	0	0	N	16	050
001	1779.2	0	0	0	68	202	270	---	----	75	0	270	0	0	N	19	050
085	1922.1	0	0	0	2	3	5	---	----	60	0	5	0	0	N	21	050
055	1933.	4	------	------	77	93	170	108	876	55	1	179	2	10	N	22	050
041	1967.	0	0	0	50	50	100	---	----	50	0	100	0	0	N	24	050
001	1971.	1818	8080	2330	161	138	299	202	1568	54	70	375	47	275	Y	25	050
085	2022.	15	------	------	100	110	210	132	670	52	1	211	6	38	N	26	050
097	2042.	0	0	0	3	15	18	---	----	83	0	18	0	0	N	29	050
055	2059.8	0	0	0	5	1	6	---	----	17	0	6	0	0	N	31	050
095	2110.8	0	0	0	4	7	11	---	----	64	0	11	0	0	N	32	050
081	2160.1	0	0	0	80	220	300	---	----	73	0	300	0	0	N	34	050
081	2187.	13544	571828	277554	58	0	58	95	1271	0	305	369	69	948	N	35	050
085	2202.	0	0	0	98	123	221	113	1184	56	0	221	0	0	N	36	050
085	2204.	1071	1870	680	182	153	335	175	1622	46	53	389	14	101	N	37	050
041	2222.1	0	0	0	5	10	15	---	----	67	0	15	0	0	N	38	050
097	2258.	0	0	0	12	12	24	---	----	50	0	24	0	0	N	40	050
097	2260.	16	------	------	55	38	93	80	576	41	2	96	4	14	Y	42	050
097	2260.1	0	0	0	35	35	70	---	----	50	2	72	---	----	N	43	050
097	2281.6	0	0	0	15	15	30	---	----	50	0	30	0	0	N	44	050
097	2282.1	0	0	0	2	2	4	---	----	50	0	4	0	0	N	45	050
097	2299.8	0	0	0	7	23	30	---	----	77	0	30	0	0	N	46	050
095	2389.	0	0	0	2	3	5	---	----	60	0	5	0	0	N	47	050
095	2389.1	0	0	0	32	10	42	---	----	24	0	42	0	0	N	48	050
095	2389.2	0	0	0	5	15	20	---	----	75	0	20	0	0	N	49	050

COUNTY	SITE NO.		MIL ITIN ANN OPS	MIL LOC ANN OPS	MIL OPS TOTAL	MIL BUS HR OPS	MIL OPS PK DAY	TR	ID.	CARD
001	1226.	M	--	--	137	34	525	Y	90	051
095	1565.1	M	--	--	121	--	350	Y	91	051
085	1925.	M	--	--	114	--	750	Y	92	051
075	2186.	M	--	--	5	--	--	N	93	051
041	2223.	M	--	--	58	35	250	Y	94	051

COUNTY	SITE NO.	NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD	ID	CARD
055	1244.8	1	15	52	32	0	7	1.00	91	1848	50	N	I	--- ---	01	060
013	1246.	1	9	25	17	3	0	0.50	90	191	33	N	A	13 ESW	02	060
055	1364.	1	10	27	20	0	0	0.50	91	365	35	B	A	3 S	06	060
097	1411.1	1	14	32	22	0	5	0.12	93	273	60	B	A	12 S	07	060
013	1437.	4	1L	50	42	3	3	0.06	91	23	150	B	A	160 DT	08	060
013	1437.	4	1R	28	23	0	0	0.05	91	23	75	B	A	16 S	08	061
013	1437.	4	14L	46	38	6	3	0.15	91	23	150	B	A	140 DT	08	062
013	1437.	4	14R	28	23	0	0	0.11	91	23	75	I	A	13 S	08	063
095	1487.2	1	N-S	20	---	-	--	---	---	27	100	N	T	--- ---	09	060
095	1510.1	1	16	20	16	0	0	0.10	95	36	50	N	I	3 S	10	060
001	1588.2	1	10	18	16	0	0	0.10	80	12	30	N	I	--- ---	12	060
001	1588.21	1	12	23	22	0	0	0.13	78	4	40	N	A	12 S	13	060
081	1636.	1	12	50	44	0	0	0.68	67	64	150	B	A	360 DT	14	060
001	1651.	2	10L	35	27	4	2	0.31	75	49	75	I	A	13 S	15	060
001	1651.	2	10R	52	47	10	8	0.42	75	49	150	I	A	300 DT	15	061
097	1651.7	1	13	26	21	3	0	0.50	80	285	35	B	A	10 S	16	060
001	1779.2	1	7	40	23	0	0	0.61	90	397	100	B	A	45 D	19	060
085	1922.1	1	13	35	34	7	5	0.20	82	375	30	N	A	6 S	21	060
055	1933.	2	6	50	40	0	0	0.44	82	33	150	B	C	120 DT	23	060
055	1933.	2	18	53	43	0	0	0.25	82	33	150	B	C	120 DT	23	061
041	1967.	1	13	33	30	0	0	0.03	81	2	60	B	A	12 S	24	060
001	1971.	4	9L	55	50	0	0	0.00	74	6	150	A	A	77 DT	25	060
001	1971.	4	9R	62	58	0	0	0.00	74	6	150	1	A	230 DT	25	061
001	1971.	4	11	100	92	0	0	0.01	74	6	150	A	A	400 DT	25	062
001	1971.	4	15	55	51	0	21	0.00	74	6	150	B	A	100 DT	25	063
085	2022.	1	12	25	22	0	0	0.08	78	2	65	B	A	5 S	26	060
097	2042.	1	11	21	17	3	0	0.50	81	79	50	B	A	9 S	29	060
055	2059.8	1	9	37	30	9	3	0.00	91	618	30	N	A	6 S	31	060
095	2110.8	2	7	32	24	0	2	0.16	95	44	60	N	A	13 S	32	060
095	2110.8	2	14	20	15	0	0	0.50	95	44	30	N	A	13 S	32	061
081	2160.1	1	12	26	26	0	0	0.00	72	2	75	B	A	12 S	34	060
081	2187.	4	1L	70	65	0	0	0.04	72	11	200	I	A	350 DT	35	060
081	2187.	4	1R	95	89	11	0	0.02	72	11	200	I	A	350 DT	35	061
081	2187.	4	10L	97	90	0	0	0.05	72	11	200	A	A	350 DT	35	062
081	2187.	4	10R	106	98	0	0	0.06	72	11	200	A	A	350 DT	35	063
085	2203.	2	13L	31	25	5	4	0.04	84	133	75	B	A	17 S	36	060
085	2203.	2	13R	31	25	0	0	0.04	84	133	75	B	A	17 S	36	061
085	2204.	3	11	30	---	0	0	0.30	81	56	40	B	A	12 S	37	060
085	2204.	3	12L	44	38	0	0	0.29	81	56	150	I	A	145 DT	37	061
085	2204.	3	12R	89	78	0	15	0.24	81	56	150	A	A	300 DT	37	062
041	2222.1	2	4	21	21	0	0	0.00	80	0	50	N	A	7 S	38	060
041	2222.1	2	18	23	23	0	0	0.00	80	0	25	N	I	3 S	38	061
097	2258.	1	16	70	62	6	14	0.00	84	100	200	B	C	30 S	40	060
097	2260.	2	1	50	43	0	0	0.28	81	125	150	B	A	110 DT	42	060
097	2260.	2	14	50	43	0	0	0.16	81	125	150	I	A	79 DT	42	061
001	1226. M	2	7	72	--	0	5	0.00	-	15	200	-	A	50 ESW	90	060
001	1226. N	2	31	80	--	7	8	0.00	-	15	200	-	A	50 ESW	90	061
095	1565.1 M	2	3L	110	--	0	0	0.00	-	0	300	-	A	65 ESW	91	060

COUNTY	SITE NO.	NUMBER OF R/WS	R/W ID	LENGTH PHYS	LENGTH CORR	THRESHOLD LAND	DISPLACE TAKEOFF	EFF. GRAD	AP TEMP	AP ELEV	R/W WIDE	R/W MARK	PAVE TYPE	PAVE LOAD	ID	CARD
097	2260.1	1	16	31	26	1	6	0.26	81	135	75	B	A	12 S	43	060
097	2281.6	2	7	24	21	0	0	0.00	82	5	50	N	T	5 S	44	060
097	2281.6	2	16	29	23	0	0	0.00	82	5	100	N	T	5 S	44	061
097	2352.1	1	12	26	20	0	0	0.60	80	350	40	B	A	13 S	45	060
097	2299.8	1	7	25	22	0	1	0.12	82	25	50	N	I	5 S	46	060
095	2389.	2	16	20	17	0	0	0.00	95	78	75	N	U	--- ---	47	060
095	2389.	2	18	21	17	0	0	0.00	95	78	50	N	I	--- ---	47	061
095	2389.1	1	1	25	20	0	0	0.10	95	112	50	B	A	11 S	48	060
095	2389.2	1	18	21	17	0	0	0.10	95	220	75	N	A	10 S	49	060
095	1565.1 N	2	3R	110	--	0	0	0.00	-	6	300	-	A	65 ESW	91	061
085	1925. N	2	14I	92	--	0	0	0.00	-	34	200	-	A	37 SWL	92	060
095	1925. N	2	10R	81	--	0	6	0.00	-	34	200	-	A	37 SWL	92	061
075	2150. N	1	6	26	--	0	0	0.00	-	0	130	-	A	15 S	93	060
041	2223. N	1	12	80	--	0	0	0.00	-	4	400	-	A	55 S	94	060

COUNTY	SITE NO.		RUNWAY LIGHTS	APPROACH LIGHTS	TAXIWAY LIGHTS	BEACON LIGHT	ID	CARD
055	1244.8		NONE	NONE	NN	N	01	070
013	1246.		9-L	NONE	NN	N	02	070
055	1364.		NONE	NONE	NN	N	06	070
097	1411.1		14-L	NONE	NN	N	07	070
013	1437.		1L-M/1R-M	NONE	EN	Y	08	070
095	1487.2		NONE	NONE	NN	N	09	070
095	1510.1		NONE	NONE	NN	N	10	070
001	1588.2		NONE	NONE	NN	N	12	070
001	1588.21		12-L	NONE	NN	N	13	070
081	1638.		12-M	NONE	EE	Y	14	070
001	1651.		10L-N/10R-M	NONE	NN	Y	15	070
097	1651.7		13-L	NONE	NN	N	16	070
001	1779.2		7-M	NONE	EE	Y	19	070
085	1922.1		13-L	NONE	NN	N	21	070
055	1933.		6-M/18-M	NONE	NN	Y	23	070
041	1967.		13-M	NONE	EE	Y	24	070
001	1971.		9L-M/9R-M/15-M/29-M,C,TDZ	27R-M,S/29-M,S	EE	Y	25	070
085	2022.		12-M	NONE	EE	Y	26	070
097	2042.		11-M	NONE	NN	N	29	070
055	2059.8		9-L	NONE	NN	N	31	070
095	2110.8		7-N/14-L	NONE	EE	N	32	070
061	2160.1		12-M	NONE	EE	Y	34	070
081	2187.		1L-M/1R-M/10L-M/10R-M,C,TDZ	19L-MS/28L-MS/28R-RV	EE	Y	35	070
085	2203.		13L-M	NONE	NN	Y	36	070
085	2204.		11-N/12L-M/12R-M	30L-M,S,R	EE	Y	37	070
041	2222.1		4-C/18-N	NONE	NN	N	38	070
097	2258.		NONE	NONE	NN	N	40	070
097	2260.		1-N/14-M	NONE	NN	Y	42	070
097	2260.1		10-M	NONE	EE	N	43	070
097	2281.6		NONE	NONE	NN	N	44	070
097	2352.1		NONE	NONE	NN	N	45	070
097	2299.8		7-L	NONE	NN	Y	46	070
095	2389.		NONE	NONE	NN	N	47	070
095	2389.1		NONE	NONE	NN	N	48	070
095	2389.2		18-L	NONE	NN	N	49	070
001	1226.	M	31-M,C(H)	13-M,S,R	EE	Y	90	070
095	1565.1	M	21-M	21-M,S,V,R	EE	Y	91	070
085	1925.	M	14L-32R/M,C	14L-32R/M,S	EE	Y	92	070
075	2186.	M	6-24/M	NONE	NN	Y	93	070
041	2223.	M	30-M	30-M,S,V,R	EE	Y	94	070

COUNTY	SITE NO.	RUNWAY APPROACH SYSTEMS	AIRPORT EQUIPMENT	ID	CARD
055	1244.8	NONE	NONE	01	080
013	1246.	NONE	NONE	02	080
055	1364.	NONE	NONE	06	080
097	1411.1	NONE	NONE	07	080
013	1437.	19R-RAP,V SID	T	08	080
095	1487.2	NONE	NONE	09	080
095	1510.1	NONE	NONE	10	080
001	1588.2	NONE	NONE	12	080
001	1588.21	NONE	NONE	13	080
081	1628.	NONE	NONE	14	080
001	1651.	TRA,V	C,T	15	080
097	1651.7	NONE	NONE	16	080
001	1779.2	NONE	NONE	19	080
085	1922.1	NONE	NONE	21	080
085	1933.	RAP,V	T	22	080
041	1967.	NONE	NONE	24	080
001	1971.	27L-VD/27R-ILS,VD/29-ADF,ILS,VD ASR SID STAR VT	RVV,RVR,C,T(R)	25	080
085	2022.	NONE	C,T	26	080
097	2042.	NONE	NONE	29	080
085	2049.8	NONE	NONE	31	080
095	2110.8	RAP,V	NONE	32	080
081	2160.1	NONE	T	34	080
081	2187.	10LR-V/19L-ILS,V/28L-ILS,V/28R-V/ASR SID STAR TV	ASDE,RVR,C,T(R)	35	080
085	2203.	NONE	C,T	36	080
085	2204.	12L-V/12R-V/30L-ILS,V/30R-V/ SID STAR VD	RVR,C,T	37	080
041	2222.1	NONE	NONE	38	080
097	[illegible]	NONE	NONE	40	[illegible]
097	2240.	32-TV	T	[illegible]	[illegible]
097	[illegible]	NONE	NONE	[illegible]	[illegible]
097	[illegible]	NONE	NONE	44	[illegible]
097	2352.1	NONE	NONE	45	[illegible]
097	2299.8	NONE	NONE	46	080
095	2389.	NONE	NONE	47	080
095	2389.1	NONE	NONE	48	080
095	2389.2	NONE	NONE	49	[illegible]
001	1226. M	7-N/13-PAR/25-PAR/31-ASR,PAR,VT	T(R)	90	[illegible]
095	1565.1 M	3-21/ASR,ILS,PAR,VT	T(R)	91	[illegible]
[illegible]	1925. M	14L-32R/ASR,PAR,VT,ILS ASR-32L/ASR,PAR,VT	T(R)	[illegible]	[illegible]
075	2186. M	NONE	T	93	[illegible]
041	2223. M	12-30/ASR,PAR,ILS,RAP,VT	T(R)	94	080

A P P E N D I X C

AIRCRAFT, AIRPORTS, AND POPULATIONS

BY DISTANCE FROM AIRPORTS

AIRCRAFT, AIRPORTS, AND POPULATIONS BY DISTANCE FROM AIRPORTS*

COUNTY and City	Population	5-mile Radius			10-mile Radius			15-mile Radius			20-mile Radius		
		Pop. (000)	No. of a/c	No. of a/p	Pop. (000)	No. of a/c	No. of a/p	Pop. (000)	No. of a/c	No. of a/p	Pop. (000)	No. of a/c	No. of a/p
ALAMEDA													
Alameda	63855	445	181	1	1424	590	1	1902	871	3	2100	1031	5
Albany	14804	232	61	0	1462	579	0	1783	781	1	2087	1022	4
Berkeley	111268	512	210	0	1455	573	1	1701	733	1	2196	1079	5
Castro Valley	37120	135	125	1	212	169	2	745	451	3	2027	1114	8
Emeryville	2686	571	210	0	1450	562	1	1736	747	1	2202	1088	5
Fremont	43790	52	36	0	179	179	3	564	522	7	1001	1004	10
Hayward	72700	141	127	1	208	162	2	722	391	4	1320	865	8
Kamandorski	1006	5	3	0	27	48	1	182	180	2	385	378	6
Livermore	16058	16	34	1	21	37	1	24	44	1	219	244	5
Newark	7884	52	36	0	179	179	3	564	522	7	1001	1004	10
Oakland	367548	556	208	0	1422	576	1	1854	849	3	2185	1079	4
Piedmont	11117	557	208	0	688	286	1	1782	831	3	2181	1081	4
Pleasanton	4203	5	3	1	21	37	1	197	197	3	338	308	4
Russell	1200	141	127	1	259	197	2	971	553	6	2182	1255	8
San Leandro	65962	90	51	2	651	335	2	1781	855	3	2245	1202	7
San Lorenzo	23773	201	159	1	271	185	2	999	577	3	2080	1098	7
Union City	6618	81	96	1	260	201	2	440	390	6	1312	930	9

* The primary data source for Appendix C is the ITTE Special Report, "California Airports," by Walter E. Gillfillan, 1965. The population data is from the 1960 census; aircraft ownership is 1965 information. The number of airports existing is updated by the inclusion of the following new airports: Santa Rosa Air Center, Sonoma Skypark, Sea Ranch, Smith Ranch, Usibelli Restaurant Airport, and the relocated Livermore Municipal Airport.

COUNTY and City	Population	5-mile Radius Pop. (000)	5-mile Radius No. of a/c	5-mile Radius No. of a/p	10-mile Radius Pop. (000)	10-mile Radius No. of a/c	10-mile Radius No. of a/p	15-mile Radius Pop. (000)	15-mile Radius No. of a/c	15-mile Radius No. of a/p	20-mile Radius Pop. (000)	20-mile Radius No. of a/c	20-mile Radius No. of a/p
CONTRA COSTA													
Alamo	1791	53	68	0	103	138	1	913	540	4	1178	674	5
Antioch	17305	36	26	1	48	34	1	101	100	3	174	208	3
Brentwood	2186	3	6	0	21	25	1	48	44	1	136	179	3
Concord	36208	71	62	1	141	145	1	247	227	2	1034	535	2
Crockett	3500	71	28	0	125	50	1	444	256	1	1072	593	4
Danville	3585	8	13	0	99	99	0	763	500	4	1008	618	5
Diablo	2096	8	13	0	62	85	0	375	383	4	980	613	5
El Cerrito	25437	142	33	0	663	258	0	1681	699	0	1964	902	3
El Monte	4186	47	56	1	141	145	1	246	227	2	968	502	2
El Sobrante	5000	140	34	0	348	128	0	1674	739	1	1837	843	4
Lafayette	7114	49	69	0	692	369	1	975	482	3	1903	931	4
Martinez	9604	17	13	1	201	189	1	492	275	1	967	500	3
Moraga	1000	25	61	0	695	350	1	1012	571	3	1930	926	4
Orinda	4712	122	51	0	781	345	0	1736	791	2	2026	993	3
Orinda Village	5568	56	30	0	776	303	0	1713	770	2	1931	891	3
Pacheco	1518	75	68	1	137	162	1	773	401	2	1091	551	3
Pinole	6064	109	30	0	240	99	0	866	425	1	1763	818	6
Pittsburg	19062	45	26	0	88	80	1	153	170	3	194	218	3
Pleasant Hill	23844	92	123	0	134	173	1	903	459	1	1148	630	4
Port Chicago	1746	45	52	1	116	82	1	260	244	2	535	337	2
Richmond	71854	143	36	0	296	109	0	1651	690	0	1897	866	3
Rodeo	6435	82	31	0	225	97	0	837	418	1	1807	891	5
San Pablo	19687	128	34	0	295	108	0	1668	690	0	1876	868	4
Saranap	6450	55	71	0	124	170	1	954	549	3	1901	929	5
Shore Acres	3093	69	59	0	133	101	2	167	172	2	292	278	3
Walnut Creek	9903	55	71	0	117	168	1	878	459	3	1159	635	4
Walnut Heights	5080	47	57	0	122	168	1	833	449	2	1155	638	5
West Pittsburg	5188	27	7	0	88	82	2	166	184	2	271	267	3

COUNTY and City	Population	5-mile Radius Pop. (000)	5-mile Radius No. of a/c	5-mile Radius No. of a/p	10-mile Radius Pop. (000)	10-mile Radius No. of a/c	10-mile Radius No. of a/p	15-mile Radius Pop. (000)	15-mile Radius No. of a/c	15-mile Radius No. of a/p	20-mile Radius Pop. (000)	20-mile Radius No. of a/c	20-mile Radius No. of a/p
MARIN													
Belvedere	2148	28	26	0	975	401	1	1627	668	1	1875	774	4
Corte Madera	5962	80	56	0	106	79	1	1122	439	1	1717	713	2
Fairfax	5813	71	43	1	116	67	1	242	110	2	1259	516	4
Greenbrae	2000	85	56	0	199	104	0	1122	439	0	1717	713	1
Hamilton AFB	5300	29	7	1	96	51	2	337	176	4	1247	588	6
Ignacio	1000	24	7	1	90	65	2	225	134	4	366	183	6
Kentfield	5000	82	56	0	179	98	1	1011	412	2	1717	713	3
Larkspur	5710	83	57	0	107	77	1	1008	405	1	1653	689	2
Marin City	2500	36	29	0	841	361	1	1542	612	1	1720	689	2
Marinwood	4100	28	28	1	841	361	1	1535	609	2	1736	698	4
Mill Valley	10411	67	60	0	841	362	1	1167	451	1	1721	689	2
Novato	17881	24	7	1	74	61	3	147	110	5	371	237	6
Ross	2551	82	57	1	107	77	1	1008	405	2	1638	680	4
San Anselmo	11584	71	43	1	116	67	1	242	110	2	1259	516	4
San Rafael	20460	82	57	1	124	77	1	1008	405	3	1641	690	5
Sausalito	5331	28	28	0	935	387	0	1661	657	1	1806	732	4
Terra Linda	7000	72	44	0	124	77	0	268	132	1	1630	682	2
Tiburon	2500	17	13	0	1068	423	1	1633	668	1	1891	780	4
NAPA													
Angwin	2000	2	9	2	7	16	3	9	17	3	56	119	6
Calistoga	1514	2	6	1	7	15	3	48	118	6	65	152	7
Napa	22170	22	57	1	26	59	3	109	103	3	177	180	7
Saint Helena	2722	3	1	0	9	17	3	16	19	4	96	205	9
SAN FRANCISCO													
San Francisco	740316	741	292	0	1438	563	0	1829	762	2	1964	834	6

COUNTY and City	Population	5-mile Radius Pop. (000)	5-mile Radius No. of a/c	5-mile Radius No. of a/p	10-mile Radius Pop. (000)	10-mile Radius No. of a/c	10-mile Radius No. of a/p	15-mile Radius Pop. (000)	15-mile Radius No. of a/c	15-mile Radius No. of a/p	20-mile Radius Pop. (000)	20-mile Radius No. of a/c	20-mile Radius No. of a/p
SAN MATEO													
Atherton	7717	174	182	2	280	302	2	465	426	5	1038	999	9
Belmont	15996	91	75	1	297	267	3	482	404	5	870	660	7
Brisbane	4000	118	36	0	1060	434	2	1693	697	3	2059	969	5
Burlingame	24036	146	74	1	278	176	3	1269	661	6	2045	1092	6
Daly City	44791	70	31	0	896	353	1	1587	638	3	1923	844	5
Half Moon Bay	1957	3	10	1	163	124	2	368	288	4	489	393	4
Hillsborough	7554	117	66	1	278	176	3	529	371	6	1934	1065	6
Menlo Park	26957	158	169	1	280	302	2	465	426	4	1061	1018	9
Millbrae	15873	186	86	1	298	167	3	1189	565	4	2009	1030	6
Pacifica	20995	66	31	0	896	353	1	1016	423	2	1823	761	4
Redwood City	46290	171	178	2	330	323	2	530	439	4	821	681	9
San Bruno	29063	113	52	1	258	118	1	1582	695	4	1985	1008	6
San Carlos	21370	118	101	1	297	267	2	477	402	5	806	636	8
San Mateo	69870	117	66	1	276	176	2	1333	685	6	2045	1092	6
S. San Francisco	39418	89	33	1	996	408	1	1627	733	4	2013	1032	6
Woodside	3592	4	9	0	180	202	2	350	343	3	551	462	4
SANTA CLARA													
Alum Rock	18942	230	319	2	302	377	4	468	532	4	583	680	5
Alviso	1174	61	47	1	460	531	3	629	714	5	789	875	7
Campbell	11863	276	368	0	385	455	2	438	532	3	591	698	8
Chemeketa Park	1284	11	21	0	44	56	2	378	492	3	497	595	6
Coyote	1359	1	2	0	5	11	2	310	402	3	405	482	5
Cupertino	3664	71	58	0	415	530	1	580	676	6	672	772	8
Gilroy	7348	7	10	0	12	21	1	38	63	3	43	69	3
Los Altos	19696	159	192	0	260	278	1	645	760	5	779	833	8

COUNTY and City	Population	5-mile Radius Pop. (000)	5-mile Radius No. of a/c	5-mile Radius No. of a/p	10-mile Radius Pop. (000)	10-mile Radius No. of a/c	10-mile Radius No. of a/p	15-mile Radius Pop. (000)	15-mile Radius No. of a/c	15-mile Radius No. of a/p	20-mile Radius Pop. (000)	20-mile Radius No. of a/c	20-mile Radius No. of a/p
Los Altos Hills	3412	110	145	1	281	304	2	515	476	3	896	941	8
Los Gatos	9036	27	38	0	308	412	1	446	542	4	575	697	7
Milpitas	6572	27	8	2	358	422	4	486	570	4	727	846	6
Monte Sereno	1506	37	47	0	359	447	1	442	541	5	603	726	7
Morgan Hill	3151	4	11	1	13	23	1	17	25	2	272	384	3
Mountain View	30889	156	188	0	370	360	1	664	761	5	852	926	8
Palo Alto	52287	187	216	1	333	340	2	522	481	5	1061	1018	8
Redwood Estates	1000	2	0	0	36	48	2	357	459	2	497	593	6
San Jose	204196	294	369	2	384	455	3	438	535	4	585	689	7
San Martin	1162	4	11	1	12	21	1	31	37	2	43	41	4
Santa Clara	58880	275	369	1	414	491	3	545	651	5	634	719	6
Saratoga	14861	29	42	0	410	521	1	495	613	5	644	768	7
Sunnyvale	52898	108	117	0	462	589	4	624	713	5	676	768	7
SOLANO													
Benicia	6070	16	11	1	169	104	1	384	247	1	986	552	3
Dixon	2970	3	15	2	12	44	5	25	72	5	103	182	6
Fairfield	14968	18	14	0	29	41	1	59	103	5	216	224	7
Rio Vista	2616	3	10	1	4	13	1	50	67	2	77	111	4
Suisun City	2470	18	14	0	29	41	1	123	131	4	232	242	6
Vacaville	10898	11	17	1	29	41	2	34	57	5	65	143	6
Vallejo	60877	71	28	0	98	42	1	338	229	5	987	557	6
SONOMA													
Boyes Springs	2462	7	2	1	9	20	3	68	100	5	180	256	8
Cloverdale	2848	3	10	1	4	12	1	5	13	3	13	43	4
Cotati	1852	2	1	0	58	128	2	65	151	4	94	162	7
El Verano	1236	7	2	1	23	41	3	68	100	5	180	256	8

COUNTY and City	Population	5-mile Radius			10-mile Radius			15-mile Radius			20-mile Radius		
		Pop. (000)	No. of a/c	No. of a/p	Pop. (000)	No. of a/c	No. of a/p	Pop. (000)	No. of a/c	No. of a/p	Pop. (000)	No. of a/c	No. of a/p
Graton	1055	4	10	1	48	114	3	53	133	3	72	161	6
Healdsburg	4816	5	18	1	6	23	2	48	125	5	58	152	6
Petaluma	14035	14	21	1	17	40	2	90	154	5	169	250	8
Santa Rosa	31027	41	106	2	45	112	3	68	158	5	83	191	8
Sebastopol	2694	43	106	1	46	109	3	63	135	4	78	177	6
Sonoma	3023	7	2	2	31	77	4	66	99	5	180	242	7

APPENDIX

BUREAU OF GENERAL AVIATION

FOR FLIGHT TRAINING AREAS

APPENDIX D

SUMMARY OF GENERAL AVIATION VFR FLIGHT TRAINING AREAS

Home Airport	Description of Training Areas Most Often Used	Approximate Altitudes Used
Buchanan Field	-South of Travis AFB, east of Benicia north of Antioch, west of Rio Vista	3000' - 5000'
	-Brentwood area	3000' - 5000'
	-San Ramon area	3000' - 5000'
Oakland	-Danville/San Ramon area, south of College Intersection	3000'
	-Livermore Valley, over highway interchange of I. 680 and U.S. 50	2000' - 3000'
	-Sunol	2000' - 3000'
	-Coyote Hills	2000' - 3000'
Hayward Air Terminal	-Coyote Hills south of Hayward. Also Livermore Valley and Tracy	800' - 3000'
Livermore	-Northeast end of Livermore Valley	2000' - 4000'
	-Lake San Antonio	2000' - 4000'
	-East of Sunol	2000' - 4000'
Reid-Hillview	-Over hills east of San Jose	3000' - 4000'
	-South of Mt. Hamilton	3000' - 4000'
	-Livermore Valley	3000' - 4000'
	-Calaveras Reservoir	3000' - 4000'
	-Evergreen	2000' - 3000'
San Jose Municipal	-Salt ponds over the Bay in the Newark-Fremont area	1500' - 2500'
	-Southeast of the IBM plant near Coyote	1500' - 2500'
	-Over hills east of Milpitas and Fremont	2500' - 5000'
	-Over valley area south of Gilroy	2500' - 5000'
Palo Alto	-Bay salt flats in the Fremont-Newark area	2000' - 3000'
	-Sunol Valley area	2000' - 3000'
	-Livermore Valley	2000' - 3000'
	-West of Stanford University to coast and south of OSI	3000'

APPENDIX D
(continued)

Home Airport	Description of Training Areas Most Often Used	Approximate Altitudes Used
San Carlos	-Half Moon Bay on the northwest, and south to OSI	1500' - 4000'
	-Dumbarton Bridge area	1000' - 1500'
Gnoss Field	-East of Petaluma, north of Hamilton AFB-south of Sonoma and west of APC	2000' - 4000'
Sonoma County	-Healdsburg	2000' - 3000'
	-Forrestville	2000' - 3000'
	-Petaluma/Sonoma	2000' - 3000'
Napa County	-West of control zone	2000' - 3000'

APPENDIX E

A SURVEY OF [illegible] AVIATION TRAFFIC AT RALEIGH AIRPORTS

A SURVEY OF GENERAL AVIATION TRAFFIC AT SELECTED AIRPORTS*

LEGEND

BUC - Buchanan Field

HAL - Half Moon Bay

HYW - Hayward Air Terminal

LIV - Livermore Municipal

MRN - Gnoss Field

NAP - Napa County

OAK - Metropolitan Oakland International Airport

PAL - Palo Alto

RDH - Reid Hillview

SCL - San Carlos

SJC - San Jose Municipal

ARV - Arrival

DEP - Departure

T-G - Touch and Go

NOTE

The Touch and Go operations are counted once as an arrival, once as a departure and then again separately as a T-G. In order to find the number of runway operations in either the 30-Minute Traffic Count or

* These data were collected on Saturday, May 24, 1969 by a survey conducted by W. E. Gillfillan of the ITTE staff with help from FAA, Civil Air Patrol, the 99ers, several airmen's associations and Bay Area Airport Managers.

the Daily Summary, one need only add the arrivals and departures; however, to separate the T-G operations in the 30-Minute Count you must:

(1) reduce the number of arrivals by the number of T-G

(2) reduce the number of departures by the number of T-G, and

(3) double the T-G count. The resulting sum is equal to the total operations during the time period under consideration, broken down by type of operation. For example, Livermore Airport, between 10 and 11 a.m.

Time	ARR	DEP	T-G	Total Operations
1000-1030	10	14	7	24
1030-1100	15	14	5	29
	25	28	12	53

These 53 operations are made up of:

25-12 = 13 Arrival Operations

28-12 = 16 Departure Operations

2x12 = 24 T-G Operations

53 Total Operations.

The Daily Summary data are handled the same way. For example, at Livermore,

Daily Arrival Operations	300
Daily Departure Operations	284
Total Daily Operations	584

These 84 operations are made up of:

300-161 = 139 Arrival Operations

284-161 = 123 Departure Operations

2x161 = 322 T-G Operations

584 Total Operations

Similarly, the number of aircraft based at Livermore that were involved in the traffic count are:

Arrivals	77-27 = 50
Departures	76-27 = 49
T-G	2x27 = 54
Total Operations	153

SURVEY AIRPORT: Buchanan Field, Concord

RUNWAY: 19R

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	0	0	0
9.30 - 10.00	20	24	11
10.00 - 10.30	27	35	18
10.30 - 11.00	18	22	3
11.00 - 11.30	20	26	12
11.30 - 12.00	31	25	14
12.00 - 12.30	27	27	17
12.30 - 13.00	34	32	18
13.00 - 13.30	23	31	13
13.30 - 14.00	28	26	11
14.00 - 14.30	25	20	10
14.30 - 15.00	12	10	9

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	52	9	2	1	0	193	0	0	0	2	6	0
DEPARTURE	64	11	3	0	0	194	1	1	0	1	6	0
TOUCH-GO	12	8	2	0	0	111	0	0	0	0	3	0

SURVEY AIRPORT: Fremont

RUNWAY: 30

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	10	8	4
9.30 - 10.00	6	3	1
10.00 - 10.30	7	10	1
10.30 - 11.00	5	5	2
11.00 - 11.30	9	10	2
11.30 - 12.00	12	11	6
12.00 - 12.30	2	2	0
12.30 - 13.00	1	2	0
13.00 - 13.30	5	4	3
13.30 - 14.00	14	11	10
14.00 - 14.30	5	4	3
14.30 - 15.00	6	8	4
15.00 - 15.30	8	6	5
15.30 - 16.00	8	9	8
16.00 - 16.30	11	10	10
16.30 - 17.00	0	1	0
17.00 - 17.30	1	0	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	35	8	4	55	4	1	3	0	0	0	0	0
DEPARTURE	30	7	4	54	4	2	3	0	0	0	0	0
TOUCH-GO	16	7	1	31	1	0	3	0	0	0	0	0

SURVEY AIRPORT: Half Moon Bay

RUNWAY: 30

30-Min. Traffic Counts

TIME	ARR	DEP	T-G
8.30 - 9.00	0	2	0
9.00 - 9.30	0	0	0
9.30 - 10.00	17	15	11
10.00 - 10.30	26	23	18
10.30 - 11.00	11	13	9
11.00 - 11.30	10	9	5
11.30 - 12.00	15	16	13
12.00 - 12.30	11	9	5
12.30 - 13.00	19	20	12
13.00 - 13.30	33	31	22
13.30 - 14.00	25	15	17
14.00 - 14.30	22	20	7
14.30 - 15.00	25	17	22
15.00 - 15.30	21	14	17
15.30 - 16.00	20	19	17
16.00 - 16.30	23	21	18
16.30 - 17.00	14	11	5

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDW	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	96	6	43	34	0	0	1	0	0	0	3	112
DEPARTURE	86	6	39	32	0	0	2	0	0	0	3	108
TOUCH-GO	64	4	25	23	0	0	0	0	0	0	2	80

SURVEY AIRPORT: Hayward Air Terminal

RUNWAY: 28L

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	5	1	1
9.30 - 10.00	15	23	15
10.00 - 10.30	30	29	26
10.30 - 11.00	18	15	13
11.00 - 11.30	15	18	12
11.30 - 12.00	21	16	15
12.00 - 12.30	11	14	8
12.30 - 13.00	6	6	4
13.00 - 13.30	18	24	16
13.30 - 14.00	21	24	18
14.00 - 14.30	19	16	14
14.30 - 15.00	22	21	18
15.00 - 15.30	15	16	12
15.30 - 16.00	20	14	14
16.00 - 16.30	15	5	5
16.30 - 17.00	16	21	13

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	79	21	35	7	0	0	3	0	0	0	122	0
DEPARTURE	78	22	34	7	0	1	2	0	0	0	117	0
TOUCH-GO	54	18	32	6	0	0	2	0	0	0	92	0

SURVEY AIRPORT: Hayward Air Terminal

RUNWAY: 28R

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	3	4	3
9.30 - 10.00	9	14	7
10.00 - 10.30	15	21	12
10.30 - 11.00	17	16	10
11.00 - 11.30	19	21	16
11.30 - 12.00	18	18	13
12.00 - 12.30	20	16	12
12.30 - 13.00	15	20	10
13.00 - 13.30	12	16	5
13.30 - 14.00	7	10	2
14.00 - 14.30	17	21	14
14.30 - 15.00	20	19	13
15.00 - 15.30	10	11	3
15.30 - 16.00	16	9	5
16.00 - 16.30	16	14	10
16.30 - 17.00	18	13	9

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	62	17	6	11	0	1	1	0	0	1	131	0
DEPARTURE	69	14	5	10	0	3	1	0	0	1	138	0
TOUCH-GO	30	12	5	10	0	0	0	0	0	0	87	0

SURVEY AIRPORT: Livermore Municipal

RUNWAY: 25

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	1	0
9.00 - 9.30	3	3	2
9.30 - 10.00	8	7	6
10.00 - 10.30	10	14	7
10.30 - 11.00	15	14	5
11.00 - 11.30	17	15	9
11.30 - 12.00	10	9	4
12.00 - 12.30	4	10	3
12.30 - 13.00	17	10	6
13.00 - 13.30	15	15	10
13.30 - 14.00	27	23	18
14.00 - 14.30	22	25	11
14.30 - 15.00	24	24	17
15.00 - 15.30	22	22	10
15.30 - 16.00	26	19	14
16.00 - 16.30	21	18	9
16.30 - 17.00	20	20	13
17.00 - 17.30	21	17	12
17.30 - 18.00	10	11	5
18.00 - 18.30	4	4	0
18.30 - 19.00	4	3	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	71	54	7	25	6	20	11	0	0	77	29	0
DEPARTURE	71	47	4	25	6	19	8	0	0	76	28	0
TOUCH-GO	35	36	0	22	5	14	2	0	0	27	20	0

SURVEY AIRPORT: Gnoss Field, Novato

RUNWAY: 13

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	2	2	0
9.00 - 9.30	1	4	1
9.30 - 10.00	8	8	3
10.00 - 10.30	13	13	4
10.30 - 11.00	7	6	3
11.00 - 11.30	6	10	2
11.30 - 12.00	16	14	9
12.00 - 12.30	19	20	11
12.30 - 13.00	11	10	6
13.00 - 13.30	5	6	1
13.30 - 14.00	3	6	0
14.00 - 14.30	9	10	6
14.30 - 15.00	5	4	1
15.00 - 15.30	8	3	0
15.30 - 16.00	1	3	0
16.00 - 16.30	10	5	4
16.30 - 17.00	13	15	8
17.00 - 17.30	1	1	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	40	0	4	3	0	0	0	91	0	0	0	0
DEPARTURE	45	0	3	2	0	0	0	90	0	0	0	0
TOUCH-GO	14	0	1	0	0	0	0	44	0	0	0	0

SURVEY AIRPORT: Napa County, Napa

RUNWAY: 24

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	8	8	7
9.30 - 10.00	13	12	8
10.00 - 10.30	16	19	14
10.30 - 11.00	12	11	7
11.00 - 11.30	8	12	4
11.30 - 12.00	12	11	5
12.00 - 12.30	12	10	3
12.30 - 13.00	12	12	7
13.00 - 13.30	17	15	10
13.30 - 14.00	18	20	11
14.00 - 14.30	19	22	13
14.30 - 15.00	8	12	3
15.00 - 15.30	17	11	8
15.30 - 16.00	9	8	7
16.00 - 16.30	19	15	9
16.30 - 17.00	13	11	4
17.00 - 17.30	2	3	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	77	27	2	3	2	22	2	6	60	1	13	0
DEPARTURE	72	25	3	3	1	21	2	4	67	1	13	0
TOUCH-GO	37	20	0	0	0	11	0	4	37	0	11	0

SURVEY AIRPORT: Metropolitan Oakland International Airport (North Airport)

RUNWAY: 27L

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	13	13	11
9.30 - 10.00	13	16	6
10.00 - 10.30	22	23	17
10.30 - 11.00	19	23	6
11.00 - 11.30	18	19	6
11.30 - 12.00	22	17	9
12.00 - 12.30	13	16	0
12.30 - 13.00	11	23	4
13.00 - 13.30	26	27	14
13.30 - 14.00	19	19	8
14.00 - 14.30	20	25	5
14.30 - 15.00	17	13	3
15.00 - 15.30	18	14	3
15.30 - 16.00	15	17	4
16.00 - 16.30	19	7	0
16.30 - 17.00	14	15	2

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	86	178	4	2	0	5	1	1	0	1	1	0
DEPARTURE	97	173	4	4	0	2	2	0	0	1	2	0
TOUCH-GO	20	76	0	1	0	1	0	0	0	0	0	0

SURVEY AIRPORT: Palo Alto Airport of Santa Clara County

RUNWAY: 30

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	22	20	4
9.00 - 9.30	10	14	7
9.30 - 10.00	16	21	8
10.00 - 10.30	25	17	7
10.30 - 11.00	17	20	3
11.00 - 11.30	19	31	1
11.30 - 12.00	22	18	5
12.00 - 12.30	5	10	0
12.30 - 13.00	8	14	0
13.00 - 13.30	12	20	3
13.30 - 14.00	20	25	8
14.00 - 14.30	17	24	3
14.30 - 15.00	20	21	7
15.00 - 15.30	14	13	5
15.30 - 16.00	32	25	8
16.00 - 16.30	23	20	6
16.30 - 17.00	21	29	4
17.00 - 17.30	32	7	3
17.30 - 18.00	24	14	4
18.00 - 18.30	18	15	5
18.30 - 19.00	12	11	7
19.00 - 19.30	16	6	5
19.30 - 20.00	5	5	1
20.00 - 20.30	3	4	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	158	0	77	14	9	0	152	0	0	0	3	0
DEPARTURE	148	0	77	12	8	0	151	0	0	0	2	0
TOUCH-GO	35	0	26	8	3	0	31	0	0	0	1	0

SURVEY AIRPORT: Reid-Hillview, San Jose

RUNWAY: 31

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	22	32	5
9.00 - 9.30	18	10	0
9.30 - 10.00	11	15	5
10.00 - 10.30	22	25	13
10.30 - 11.00	21	18	2
11.00 - 11.30	10	17	1
11.30 - 12.00	13	19	4
12.00 - 12.30	15	18	6
12.30 - 13.00	12	17	4
13.00 - 13.30	22	19	1
13.30 - 14.00	20	20	1
14.00 - 14.30	17	18	6
14.30 - 15.00	17	16	6
15.00 - 15.30	10	14	2
15.30 - 16.00	20	20	7
16.00 - 16.30	11	15	0
16.30 - 17.00	23	16	1
17.00 - 17.30	27	19	10
17.30 - 18.00	17	14	6
18.00 - 18.30	22	16	4
18.30 - 19.00	14	12	6
19.00 - 19.30	14	9	5
19.30 - 20.00	3	1	0
20.00 - 20.30	13	4	3
20.30 - 21.00	0	2	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	167	3	18	17	174	3	4	0	0	0	5	1
DEPARTURE	178	2	13	13	169	3	3	0	0	0	4	1
TOUCH-GO	26	2	9	7	53	0	0	0	0	0	0	1

SURVEY AIRPORT: San Carlos

RUNWAY: 30

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	12	21	9
9.30 - 10.00	23	18	10
10.00 - 10.30	6	11	4
10.30 - 11.00	11	11	3
11.00 - 11.30	5	4	2
11.30 - 12.00	7	12	1
12.00 - 12.30	6	14	2
12.30 - 13.00	10	11	5
13.00 - 13.30	12	20	8
13.30 - 14.00	11	15	5
14.00 - 14.30	11	10	5
14.30 - 15.00	11	14	5
15.00 - 15.30	18	14	3
15.30 - 16.00	12	15	4
16.00 - 16.30	8	9	1
16.30 - 17.00	17	15	5
17.00 - 17.30	0	1	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	43	1	117	2	1	1	7	2	0	0	6	0
DEPARTURE	41	0	164	1	1	0	5	0	0	1	2	0
TOUCH-GO	25	0	51	0	1	0	5	0	0	0	1	0

SURVEY AIRPORT: San Jose Municipal

RUNWAY: 30L

30-Minute Traffic Counts

TIME	ARR	DEP	T-G
8:00 - 8:30	6	0	0
8:30 - 9:00	7	5	1
9:00 - 9:30	2	15	1
9:30 - 10:00	16	13	7
10:00 - 10:30	12	22	9
10:30 - 11:00	10	16	4
11:00 - 11:30	10	17	2
11:30 - 12:00	13	20	4
12:00 - 12:30	19	18	3
12:30 - 13:00	9	12	1
13:00 - 13:30	6	16	1
13:30 - 14:00	9	11	0
14:00 - 14:30	10	13	5
14:30 - 15:00	11	5	3
15:00 - 15:30	10	8	3
15:30 - 16:00	16	12	3
16:00 - 16:30	7	10	1
16:30 - 17:00			

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	99	1	1	76	1	0	1	0	0	0	0	0
DEPARTURE	118	2	3	97	1	1	0	0	0	0	0	0
TOUCH-GO	17	0	1	31	0	0	0	0	0	0	0	0

SURVEY AIRPORT: San Jose Municipal

RUNWAY: 30R

30-Minute Traffic Counts

TIME	ARV	DEP	T-G
8.30 - 9.00	0	0	0
9.00 - 9.30	14	14	11
9.30 - 10.00	15	19	6
10.00 - 10.30	22	21	10
10.30 - 11.00	23	16	6
11.00 - 11.30	16	21	5
11.30 - 12.00	8	18	1
12.00 - 12.30	13	11	1
12.30 - 13.00	11	18	3
13.00 - 13.30	14	20	8
13.30 - 14.00	17	19	9
14.00 - 14.30	20	22	12
14.30 - 15.00	18	8	3
15.00 - 15.30	16	8	3
15.30 - 16.00	21	11	4
16.00 - 16.30	23	13	6
16.30 - 17.00	14	5	2
17.00 - 17.30	1	0	0

Daily Summary by Home Base of Aircraft

	OTHER	OAK	SCL	SJC	RDH	BUC	PAL	MRN	NAP	LIV	HYW	HAL
ARRIVALS	91	1	1	170	1	1	0	0	0	0	0	0
DEPARTURE	73	1	1	166	1	0	1	0	0	0	1	0
TOUCH-GO	8	0	0	82	0	0	0	0	0	0	0	0